Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
Data File : VW019281.D
Acq On : 22 Jun 2021 20:33
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
6/23/2021 5:29:34 PM

Quant Time: Jun 23 05:45:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.951	168	386663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	657217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	606006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	291350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	221793	47.286	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.580%		
35) Dibromofluoromethane	7.890	113	196686	46.986	ug/l	0.00
Spiked Amount 50.000			Recovery =	93.980%		
50) Toluene-d8	10.323	98	794892	47.435	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.860%		
62) 4-Bromofluorobenzene	12.621	95	279702	47.724	ug/l	0.00
Spiked Amount 50.000			Recovery =	95.440%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	93441	34.070	ug/l	93
3) Chloromethane	2.215	50	103369	31.874	ug/l	99
4) Vinyl Chloride	2.367	62	173860	35.048	ug/l	99
5) Bromomethane	2.782	94	135345	34.858	ug/l	91
6) Chloroethane	2.928	64	108936	33.062	ug/l	99
7) Trichlorofluoromethane	3.263	101	93716	33.319	ug/l	100
8) Diethyl Ether	3.684	74	84827	39.576	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.068	101	151379	37.248	ug/l	98
10) Methyl Iodide	4.281	142	213000	39.166	ug/l	98
11) Tert butyl alcohol	5.196	59	46040	206.888	ug/l	97
12) 1,1-Dichloroethene	4.050	96	156896	37.548	ug/l	92
13) Acrolein	3.903	56	56344	228.157	ug/l	100
14) Allyl chloride	4.672	41	205218	36.589	ug/l	98
15) Acrylonitrile	5.373	53	169772	193.343	ug/l	100
16) Acetone	4.141	43	120320	159.826	ug/l	99
17) Carbon Disulfide	4.391	76	441566	35.806	ug/l	99
18) Methyl Acetate	4.678	43	69232	36.149	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	233383	41.202	ug/l	99
20) Methylene Chloride	4.922	84	200229	42.507	ug/l	96
21) trans-1,2-Dichloroethene	5.428	96	179868	38.677	ug/l	99
22) Diisopropyl ether	6.311	45	459605	37.719	ug/l	97
23) Vinyl Acetate	6.257	43	1413558	191.129	ug/l	100
24) 1,1-Dichloroethane	6.220	63	322317	37.531	ug/l	99
25) 2-Butanone	7.177	43	197783	178.138	ug/l	99
26) 2,2-Dichloropropane	7.171	77	165215	35.118	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	196184	38.869	ug/l	98
28) Bromochloromethane	7.513	49	156872	46.145	ug/l	98
29) Tetrahydrofuran	7.537	42	129423	188.202	ug/l	99
30) Chloroform	7.683	83	329885	38.298	ug/l	96
31) Cyclohexane	7.958	56	271825	34.083	ug/l	94
32) 1,1,1-Trichloroethane	7.872	97	251022	38.696	ug/l	100
36) 1,1-Dichloropropene	8.086	75	257244	36.985	ug/l	99
37) Ethyl Acetate	7.256	43	100441	38.628	ug/l	98
38) Carbon Tetrachloride	8.073	117	232199	38.188	ug/l	99
39) Methylcyclohexane	9.335	83	312512	37.882	ug/l	99
40) Benzene	8.323	78	725437	38.070	ug/l	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
Data File : VW019281.D
Acq On : 22 Jun 2021 20:33
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
6/23/2021 5:29:34 PM

Quant Time: Jun 23 05:45:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	53938	37.073	ug/l		97
42) 1,2-Dichloroethane	8.403	62	217440	38.406	ug/l		99
43) Isopropyl Acetate	8.427	43	189508	38.187	ug/l		99
44) Trichloroethene	9.091	130	183222	38.636	ug/l		93
45) 1,2-Dichloropropane	9.372	63	174790	37.376	ug/l		99
46) Dibromomethane	9.457	93	95099	38.713	ug/l		98
47) Bromodichloromethane	9.646	83	237733	38.283	ug/l		96
48) Methyl methacrylate	9.439	41	82418	36.899	ug/l		99
49) 1,4-Dioxane	9.469	88	25436	802.254	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.213	43	478465	190.304	ug/l		100
52) Toluene	10.390	92	454293	38.313	ug/l		98
53) t-1,3-Dichloropropene	10.610	75	235032	37.967	ug/l		96
54) cis-1,3-Dichloropropene	10.073	75	274976	38.103	ug/l		98
55) 1,1,2-Trichloroethane	10.786	97	129354	38.212	ug/l		94
56) Ethyl methacrylate	10.646	69	171764	40.062	ug/l		98
57) 1,3-Dichloropropane	10.933	76	234513	38.468	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.927	63	520442	258.895	ug/l		99
59) 2-Hexanone	10.969	43	319230	187.462	ug/l		99
60) Dibromochloromethane	11.128	129	142990	39.040	ug/l		98
61) 1,2-Dibromoethane	11.237	107	125071	39.470	ug/l		98
64) Tetrachloroethene	10.866	164	146103	37.925	ug/l		92
65) Chlorobenzene	11.658	112	473128	38.405	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	162195	38.506	ug/l		99
67) Ethyl Benzene	11.731	91	892747	38.385	ug/l		99
68) m/p-Xylenes	11.841	106	666197	76.727	ug/l		96
69) o-Xylene	12.164	106	320992	39.444	ug/l		98
70) Styrene	12.182	104	539869	39.343	ug/l		99
71) Bromoform	12.353	173	79339	38.837	ug/l	#	99
73) Isopropylbenzene	12.463	105	863602	39.854	ug/l		100
74) N-amyl acetate	12.274	43	176993	38.567	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	153614	38.972	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	104380m	36.570	ug/l		
77) Bromobenzene	12.749	156	189753	40.680	ug/l		99
78) n-propylbenzene	12.804	91	1060409	38.814	ug/l		99
79) 2-Chlorotoluene	12.890	91	610466	39.089	ug/l		99
80) 1,3,5-Trimethylbenzene	12.944	105	739874	40.271	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.512	75	42553	36.167	ug/l		98
82) 4-Chlorotoluene	12.987	91	630440	38.623	ug/l		100
83) tert-Butylbenzene	13.207	119	623472	40.195	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	727778	39.900	ug/l		99
85) sec-Butylbenzene	13.383	105	950435	39.393	ug/l		100
86) p-Isopropyltoluene	13.499	119	781451	39.805	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	379310	38.433	ug/l		98
88) 1,4-Dichlorobenzene	13.578	146	378868	38.842	ug/l		99
89) n-Butylbenzene	13.822	91	759675	38.471	ug/l		99
90) Hexachloroethane	14.097	117	133724	37.579	ug/l		98
91) 1,2-Dichlorobenzene	13.871	146	330350	38.378	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	24216	38.495	ug/l		97
93) 1,2,4-Trichlorobenzene	15.133	180	207385	37.751	ug/l		97
94) Hexachlorobutadiene	15.231	225	124813	38.529	ug/l		98
95) Naphthalene	15.365	128	486978	48.601	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	185590	39.084	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
Data File : VW019281.D
Acq On : 22 Jun 2021 20:33
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
6/23/2021 5:29:34 PM

Quant Time: Jun 23 05:45:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
Data File : VW019281.D
Acq On : 22 Jun 2021 20:33
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 23 05:45:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 21 12:12:47 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
6/23/2021 5:29:34 PM