Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
Data File : VW018244.D
Acq On : 04 Mar 2021 12:00
Operator : SY/VA
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
3/5/2021 10:12:16 AM

Quant Time: Mar 04 13:15:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 04 13:12:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.952	168	284368	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.848	114	411150	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.628	117	378982	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	202652	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.305	65	51815	15.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 31.32%				
35) Dibromofluoromethane	7.891	113	54965	20.67	ug/l		0.00
Spiked Amount 50.000			Recovery = 41.34%				
50) Toluene-d8	10.323	98	214141	20.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 41.74%				
62) 4-Bromofluorobenzene	12.615	95	77599	21.32	ug/l		0.00
Spiked Amount 50.000			Recovery = 42.64%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.014	85	44845	20.31	ug/l		100
3) Chloromethane	2.215	50	36305	15.29	ug/l		95
4) Vinyl Chloride	2.367	62	56057	15.21	ug/l		100
5) Bromomethane	2.782	94	37263	10.30	ug/l		91
6) Chloroethane	2.928	64	31449	12.53	ug/l		98
7) Trichlorofluoromethane	3.263	101	39508	14.66	ug/l		98
8) Diethyl Ether	3.684	74	26770	19.27	ug/l		89
9) 1,1,2-Trichlorotrifluo...	4.068	101	53989	18.06	ug/l		88
10) Methyl Iodide	4.275	142	82564	19.67	ug/l		94
11) Tert butyl alcohol	5.178	59	10992	60.27	ug/l	#	88
12) 1,1-Dichloroethene	4.050	96	54603	18.43	ug/l		86
13) Acrolein	3.897	56	17395	80.84	ug/l		98
14) Allyl chloride	4.672	41	65944	16.23	ug/l		88
15) Acrylonitrile	5.373	53	51118	81.84	ug/l		100
16) Acetone	4.129	43	38410	67.11	ug/l	#	89
17) Carbon Disulfide	4.391	76	149649	17.45	ug/l		98
18) Methyl Acetate	4.672	43	20943	15.46	ug/l		95
19) Methyl tert-butyl Ether	5.428	73	60111	15.36	ug/l		100
20) Methylene Chloride	4.928	84	62084	17.09	ug/l		93
21) trans-1,2-Dichloroethene	5.428	96	60894	17.37	ug/l		96
22) Diisopropyl ether	6.312	45	135745	16.41	ug/l		96
23) Vinyl Acetate	6.257	43	406454	78.28	ug/l		96
24) 1,1-Dichloroethane	6.220	63	95280	16.44	ug/l		96
25) 2-Butanone	7.171	43	59140	73.51	ug/l		94
26) 2,2-Dichloropropane	7.171	77	54062	16.19	ug/l		96
27) cis-1,2-Dichloroethene	7.171	96	65868	17.80	ug/l		91
28) Bromochloromethane	7.519	49	37749	15.84	ug/l	#	77
29) Tetrahydrofuran	7.531	42	39458	76.78	ug/l		91
30) Chloroform	7.677	83	103112	16.53	ug/l		100
31) Cyclohexane	7.958	56	88659	15.98	ug/l	#	90
32) 1,1,1-Trichloroethane	7.872	97	83323	16.23	ug/l		95
36) 1,1-Dichloropropene	8.086	75	82109	19.24	ug/l		97
37) Ethyl Acetate	7.257	43	28410	17.55	ug/l	#	92
38) Carbon Tetrachloride	8.067	117	81646	19.46	ug/l		100
39) Methylcyclohexane	9.335	83	104769	19.82	ug/l		96
40) Benzene	8.323	78	228972	19.67	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
Data File : VW018244.D
Acq On : 04 Mar 2021 12:00
Operator : SY/VA
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
3/5/2021 10:12:16 AM

Quant Time: Mar 04 13:15:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 04 13:12:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	16692	18.09	ug/l		98
42) 1,2-Dichloroethane	8.403	62	63557	18.09	ug/l		95
43) Isopropyl Acetate	8.427	43	53529	18.25	ug/l		96
44) Trichloroethene	9.092	130	67077	20.75	ug/l		94
45) 1,2-Dichloropropane	9.366	63	52245	18.94	ug/l		97
46) Dibromomethane	9.457	93	30049	18.69	ug/l	#	84
47) Bromodichloromethane	9.646	83	75985	19.42	ug/l		97
48) Methyl methacrylate	9.439	41	26559	18.09	ug/l	#	85
49) 1,4-Dioxane	9.457	88	7813	404.13	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.207	43	138312	92.08	ug/l		92
52) Toluene	10.390	92	150021	19.74	ug/l		99
53) t-1,3-Dichloropropene	10.604	75	71114	19.82	ug/l		95
54) cis-1,3-Dichloropropene	10.073	75	86088	19.93	ug/l		90
55) 1,1,2-Trichloroethane	10.786	97	42807	19.84	ug/l		99
56) Ethyl methacrylate	10.646	69	48884	19.69	ug/l	#	87
57) 1,3-Dichloropropane	10.933	76	73287	19.74	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	129901	106.03	ug/l		93
59) 2-Hexanone	10.969	43	92575	92.24	ug/l		91
60) Dibromochloromethane	11.128	129	54014	21.55	ug/l		100
61) 1,2-Dibromoethane	11.238	107	42860	20.13	ug/l		98
64) Tetrachloroethene	10.860	164	55194	20.73	ug/l		95
65) Chlorobenzene	11.658	112	165661	19.80	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	58082	20.66	ug/l		99
67) Ethyl Benzene	11.731	91	290428	19.05	ug/l		98
68) m/p-Xylenes	11.835	106	225175	39.14	ug/l		99
69) o-Xylene	12.164	106	104263	19.59	ug/l		99
70) Styrene	12.183	104	176633	19.80	ug/l		98
71) Bromoform	12.347	173	30261	21.75	ug/l	#	96
73) Isopropylbenzene	12.463	105	291050	18.45	ug/l		100
74) N-amyl acetate	12.274	43	48246	17.53	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.713	83	47840	17.86	ug/l		100
76) 1,2,3-Trichloropropane	12.768	75	37732m	20.66	ug/l		
77) Bromobenzene	12.743	156	69272	19.73	ug/l		91
78) n-propylbenzene	12.804	91	336392	17.70	ug/l		98
79) 2-Chlorotoluene	12.890	91	193301	18.47	ug/l		99
80) 1,3,5-Trimethylbenzene	12.945	105	248742	18.84	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.512	75	13502	19.01	ug/l		96
82) 4-Chlorotoluene	12.987	91	203990	18.33	ug/l		97
83) tert-Butylbenzene	13.207	119	214183	18.77	ug/l		96
84) 1,2,4-Trimethylbenzene	13.249	105	248060	18.55	ug/l		98
85) sec-Butylbenzene	13.384	105	293104	18.14	ug/l		98
86) p-Isopropyltoluene	13.499	119	273654	18.54	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	135726	19.44	ug/l		95
88) 1,4-Dichlorobenzene	13.579	146	136972	19.73	ug/l		98
89) n-Butylbenzene	13.822	91	252235	17.57	ug/l		98
90) Hexachloroethane	14.091	117	47288	18.76	ug/l		74
91) 1,2-Dichlorobenzene	13.865	146	122529	20.12	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	7651	17.07	ug/l		83
93) 1,2,4-Trichlorobenzene	15.133	180	91693	22.40	ug/l		97
94) Hexachlorobutadiene	15.231	225	55346	23.73	ug/l		99
95) Naphthalene	15.365	128	156086	20.08	ug/l		99
96) 1,2,3-Trichlorobenzene	15.554	180	78792	22.25	ug/l		98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
Data File : VW018244.D
Acq On : 04 Mar 2021 12:00
Operator : SY/VA
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 04 13:15:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 04 13:12:51 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
3/5/2021 10:12:16 AM

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030421\
Data File : VW018244.D
Acq On : 04 Mar 2021 12:00
Operator : SY/VA
Sample : VSTDICC020
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 04 13:15:36 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W030421S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 04 13:12:51 2021
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC020

Manual Integrations APPROVED
MMDadoda
3/5/2021 10:12:16 AM