Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
Data File : VW019024.D
Acq On : 18 May 2021 17:30
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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5/20/2021 5:58:54 PM

Quant Time: May 19 06:44:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 06:34:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.952	168	398488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	665446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	604212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	296938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	21867	5.52	ug/l	0.00
Spiked Amount 50.000			Recovery = 11.04%			
35) Dibromofluoromethane	7.891	113	18826	5.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 10.38%			
50) Toluene-d8	10.323	98	75709	5.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 10.62%			
62) 4-Bromofluorobenzene	12.615	95	27327	5.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 10.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	13691	5.09	ug/l	91
3) Chloromethane	2.215	50	15864	5.33	ug/l	95
4) Vinyl Chloride	2.367	62	21276	4.90	ug/l	97
5) Bromomethane	2.782	94	18700	5.14	ug/l	98
6) Chloroethane	2.928	64	15341	5.13	ug/l	92
7) Trichlorofluoromethane	3.257	101	11936	5.01	ug/l	96
8) Diethyl Ether	3.678	74	10970	5.24	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.068	101	19611	5.07	ug/l	98
10) Methyl Iodide	4.281	142	28410	5.06	ug/l	99
11) Tert butyl alcohol	5.172	59	8308	34.25	ug/l #	93
12) 1,1-Dichloroethene	4.044	96	19790	5.02	ug/l	86
13) Acrolein	3.897	56	7327	27.43	ug/l	94
14) Allyl chloride	4.666	41	25892	5.04	ug/l	99
15) Acrylonitrile	5.373	53	20482	26.69	ug/l	98
16) Acetone	4.123	43	20656	31.40	ug/l	93
17) Carbon Disulfide	4.385	76	51649	4.78	ug/l	98
18) Methyl Acetate	4.678	43	9951	5.44	ug/l	99
19) Methyl tert-butyl Ether	5.428	73	26115	5.29	ug/l	99
20) Methylene Chloride	4.922	84	51232	8.60	ug/l	97
21) trans-1,2-Dichloroethene	5.422	96	23859	5.32	ug/l	93
22) Diisopropyl ether	6.312	45	52774	5.06	ug/l	98
23) Vinyl Acetate	6.257	43	167903	23.94	ug/l	98
24) 1,1-Dichloroethane	6.214	63	41286	5.14	ug/l	96
25) 2-Butanone	7.177	43	27423	26.62	ug/l	97
26) 2,2-Dichloropropane	7.171	77	23555	5.43	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	25742	5.13	ug/l	98
28) Bromochloromethane	7.513	49	16676	5.09	ug/l	99
29) Tetrahydrofuran	7.537	42	15055	24.79	ug/l	98
30) Chloroform	7.677	83	42151	5.11	ug/l	95
31) Cyclohexane	7.958	56	42440	6.24	ug/l #	84
32) 1,1,1-Trichloroethane	7.872	97	31809	5.23	ug/l	97
36) 1,1-Dichloropropene	8.086	75	34825	5.30	ug/l	99
37) Ethyl Acetate	7.257	43	14602	5.75	ug/l	99
38) Carbon Tetrachloride	8.067	117	29130	5.01	ug/l	98
39) Methylcyclohexane	9.335	83	38353	5.24	ug/l	96
40) Benzene	8.330	78	94298	5.13	ug/l	98

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Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: May 19 06:44:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 06:34:32 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	6815	4.95	ug/l		97
42) 1,2-Dichloroethane	8.403	62	28238	5.17	ug/l		100
43) Isopropyl Acetate	8.427	43	23819	5.00	ug/l		99
44) Trichloroethene	9.092	130	24868	5.18	ug/l		93
45) 1,2-Dichloropropane	9.372	63	23221	5.21	ug/l		97
46) Dibromomethane	9.457	93	12197	5.04	ug/l		99
47) Bromodichloromethane	9.646	83	29497	4.89	ug/l		99
48) Methyl methacrylate	9.433	41	10731	4.93	ug/l		99
49) 1,4-Dioxane	9.457	88	3000	107.71	ug/l		92
51) 4-Methyl-2-Pentanone	10.213	43	64095	26.07	ug/l		98
52) Toluene	10.390	92	58101	4.97	ug/l		95
53) t-1,3-Dichloropropene	10.604	75	27341	4.60	ug/l		99
54) cis-1,3-Dichloropropene	10.073	75	33787	4.80	ug/l		97
55) 1,1,2-Trichloroethane	10.786	97	17384	5.18	ug/l		97
56) Ethyl methacrylate	10.646	69	19479	4.63	ug/l		99
57) 1,3-Dichloropropane	10.933	76	30382	5.10	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.927	63	54425	24.93	ug/l		99
59) 2-Hexanone	10.969	43	39761	24.34	ug/l		98
60) Dibromochloromethane	11.128	129	18018	4.82	ug/l		97
61) 1,2-Dibromoethane	11.238	107	16056	4.97	ug/l		97
64) Tetrachloroethene	10.860	164	19368	4.95	ug/l		94
65) Chlorobenzene	11.658	112	62529	5.11	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.731	131	19787	4.74	ug/l		99
67) Ethyl Benzene	11.731	91	114646	5.07	ug/l		97
68) m/p-Xylenes	11.841	106	86525	10.22	ug/l		98
69) o-Xylene	12.164	106	39768	4.96	ug/l		100
70) Styrene	12.182	104	64234	4.76	ug/l		99
71) Bromoform	12.353	173	10035	4.78	ug/l	#	96
73) Isopropylbenzene	12.463	105	106968	4.93	ug/l		100
74) N-amyl acetate	12.274	43	21103	4.74	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.713	83	21225	5.51	ug/l		99
76) 1,2,3-Trichloropropane	12.768	75	13349m	5.18	ug/l		
77) Bromobenzene	12.743	156	23908	5.00	ug/l		96
78) n-propylbenzene	12.804	91	133442	5.03	ug/l		98
79) 2-Chlorotoluene	12.890	91	77032	5.09	ug/l		99
80) 1,3,5-Trimethylbenzene	12.945	105	91024	4.94	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.512	75	4939	4.33	ug/l		87
82) 4-Chlorotoluene	12.987	91	80193	5.03	ug/l		100
83) tert-Butylbenzene	13.207	119	77784	5.00	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	90992	4.99	ug/l		100
85) sec-Butylbenzene	13.384	105	117067	5.07	ug/l		100
86) p-Isopropyltoluene	13.493	119	97395	4.90	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	51008	5.26	ug/l		98
88) 1,4-Dichlorobenzene	13.579	146	49280	5.11	ug/l		91
89) n-Butylbenzene	13.822	91	99485	5.05	ug/l		99
90) Hexachloroethane	14.091	117	14959	4.77	ug/l		97
91) 1,2-Dichlorobenzene	13.865	146	45379	5.26	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.481	75	3209	5.17	ug/l		95
93) 1,2,4-Trichlorobenzene	15.127	180	31471	5.42	ug/l		98
94) Hexachlorobutadiene	15.231	225	18895	5.70	ug/l		99
95) Naphthalene	15.365	128	54590	5.15	ug/l		100
96) 1,2,3-Trichlorobenzene	15.554	180	27594	5.45	ug/l		98

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Operator : SY/VA
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Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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