Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
Data File : VW019032.D
Acq On : 18 May 2021 21:54
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
5/20/2021 5:59:06 PM

Quant Time: May 19 09:29:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 09:25:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.951	168	380703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	633572	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	583618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	290252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	223540	52.73	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.46%			
35) Dibromofluoromethane	7.884	113	207334	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.84%			
50) Toluene-d8	10.323	98	830060	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.76%			
62) 4-Bromofluorobenzene	12.621	95	293167	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	136054	53.08	ug/l	95
3) Chloromethane	2.215	50	152085	53.48	ug/l	97
4) Vinyl Chloride	2.367	62	227829	54.52	ug/l	100
5) Bromomethane	2.782	94	180439	51.53	ug/l	98
6) Chloroethane	2.928	64	150566	52.46	ug/l	98
7) Trichlorofluoromethane	3.263	101	111650	48.58	ug/l	99
8) Diethyl Ether	3.684	74	106764	53.41	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.068	101	189852	51.07	ug/l	98
10) Methyl Iodide	4.275	142	290870	53.32	ug/l	97
11) Tert butyl alcohol	5.171	59	54665	263.32	ug/l	99
12) 1,1-Dichloroethene	4.044	96	202853	53.50	ug/l	93
13) Acrolein	3.897	56	61743	240.77	ug/l	99
14) Allyl chloride	4.672	41	264141	53.54	ug/l	99
15) Acrylonitrile	5.367	53	192814	257.18	ug/l	100
16) Acetone	4.123	43	152403	249.64	ug/l	98
17) Carbon Disulfide	4.391	76	571311	55.15	ug/l	98
18) Methyl Acetate	4.672	43	88764	49.40	ug/l	98
19) Methyl tert-butyl Ether	5.428	73	257812	54.16	ug/l	99
20) Methylene Chloride	4.922	84	237614	53.91	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	236451	54.59	ug/l	98
22) Diisopropyl ether	6.311	45	540380	53.85	ug/l	98
23) Vinyl Acetate	6.257	43	1793726	265.64	ug/l	98
24) 1,1-Dichloroethane	6.220	63	417543	53.73	ug/l	99
25) 2-Butanone	7.171	43	257235	256.51	ug/l	97
26) 2,2-Dichloropropane	7.171	77	203547	48.61	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	262344	54.57	ug/l	98
28) Bromochloromethane	7.513	49	168496	53.29	ug/l	97
29) Tetrahydrofuran	7.531	42	150250	256.20	ug/l	99
30) Chloroform	7.677	83	424900	53.78	ug/l	100
31) Cyclohexane	7.958	56	316149	48.65	ug/l	100
32) 1,1,1-Trichloroethane	7.872	97	320215	54.59	ug/l	97
36) 1,1-Dichloropropene	8.086	75	334082	52.95	ug/l	100
37) Ethyl Acetate	7.250	43	123804	50.72	ug/l	99
38) Carbon Tetrachloride	8.067	117	295469	53.14	ug/l	94
39) Methylcyclohexane	9.335	83	368720	52.82	ug/l	97
40) Benzene	8.329	78	946521	53.67	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	73380	55.05	ug/l		90
42) 1,2-Dichloroethane	8.403	62	278405	53.25	ug/l		99
43) Isopropyl Acetate	8.427	43	238815	52.46	ug/l		99
44) Trichloroethene	9.091	130	247753	54.48	ug/l		99
45) 1,2-Dichloropropane	9.372	63	228921	53.66	ug/l		96
46) Dibromomethane	9.457	93	123427	53.28	ug/l		99
47) Bromodichloromethane	9.646	83	316751	55.01	ug/l		96
48) Methyl methacrylate	9.439	41	112392	53.77	ug/l		98
49) 1,4-Dioxane	9.451	88	28626	1084.19	ug/l		98
51) 4-Methyl-2-Pentanone	10.207	43	604109	256.14	ug/l		100
52) Toluene	10.390	92	604269	54.04	ug/l		98
53) t-1,3-Dichloropropene	10.603	75	304085	53.69	ug/l		98
54) cis-1,3-Dichloropropene	10.073	75	358338	53.12	ug/l		97
55) 1,1,2-Trichloroethane	10.786	97	171094	53.44	ug/l		96
56) Ethyl methacrylate	10.646	69	218793	54.42	ug/l		99
57) 1,3-Dichloropropane	10.933	76	304164	53.12	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.927	63	561726	270.12	ug/l		98
59) 2-Hexanone	10.969	43	404820	258.24	ug/l		98
60) Dibromochloromethane	11.128	129	193833	54.11	ug/l		98
61) 1,2-Dibromoethane	11.237	107	165818	53.85	ug/l		99
64) Tetrachloroethene	10.866	164	200447	52.87	ug/l		96
65) Chlorobenzene	11.658	112	632461	53.27	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.731	131	221925	54.77	ug/l		99
67) Ethyl Benzene	11.731	91	1179952	53.73	ug/l		99
68) m/p-Xylenes	11.841	106	884703	107.22	ug/l		99
69) o-Xylene	12.164	106	417534	54.27	ug/l		99
70) Styrene	12.182	104	724111	55.45	ug/l		100
71) Bromoform	12.353	173	108842	53.52	ug/l	#	98
73) Isopropylbenzene	12.463	105	1144692	53.80	ug/l		100
74) N-amyl acetate	12.274	43	234574	53.45	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.713	83	199867	52.51	ug/l		100
76) 1,2,3-Trichloropropane	12.768	75	130003m	47.44	ug/l		
77) Bromobenzene	12.743	156	261850	55.83	ug/l		98
78) n-propylbenzene	12.804	91	1383308	53.18	ug/l		99
79) 2-Chlorotoluene	12.890	91	806760	54.44	ug/l		99
80) 1,3,5-Trimethylbenzene	12.944	105	949648	52.59	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.512	75	57026	50.72	ug/l		99
82) 4-Chlorotoluene	12.987	91	847327	53.86	ug/l		100
83) tert-Butylbenzene	13.207	119	838620	55.09	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	982809	54.83	ug/l		100
85) sec-Butylbenzene	13.383	105	1229787	54.48	ug/l		100
86) p-Isopropyltoluene	13.499	119	1058648	54.14	ug/l		99
87) 1,3-Dichlorobenzene	13.499	146	530325	55.37	ug/l		99
88) 1,4-Dichlorobenzene	13.572	146	501025	53.06	ug/l		99
89) n-Butylbenzene	13.822	91	1007069	52.37	ug/l		99
90) Hexachloroethane	14.091	117	168624	55.01	ug/l		97
91) 1,2-Dichlorobenzene	13.871	146	451796	53.33	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	32055	52.74	ug/l		96
93) 1,2,4-Trichlorobenzene	15.127	180	291762	51.43	ug/l		99
94) Hexachlorobutadiene	15.231	225	169773	51.81	ug/l		94
95) Naphthalene	15.365	128	563611	54.53	ug/l		100
96) 1,2,3-Trichlorobenzene	15.554	180	267057	54.37	ug/l		97

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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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