Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052221\
Data File : VW019052.D
Acq On : 21 May 2021 13:02
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
5/24/2021 3:48:15 PM

Quant Time: May 22 03:35:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Thu May 20 03:59:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.945	168	418870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	685073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	626456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	317390	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	232317	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.04%			
35) Dibromofluoromethane	7.884	113	213166	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.10%			
50) Toluene-d8	10.323	98	843258	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.88%			
62) 4-Bromofluorobenzene	12.621	95	306504	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	138183	49.00	ug/l	97
3) Chloromethane	2.215	50	146540	46.83	ug/l	99
4) Vinyl Chloride	2.367	62	227522	49.49	ug/l	100
5) Bromomethane	2.782	94	181660	47.16	ug/l	97
6) Chloroethane	2.928	64	148747	47.11	ug/l	100
7) Trichlorofluoromethane	3.263	101	135365	53.53	ug/l	100
8) Diethyl Ether	3.684	74	108467	49.32	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.068	101	199509	48.78	ug/l	99
10) Methyl Iodide	4.275	142	291111	48.50	ug/l	98
11) Tert butyl alcohol	5.190	59	60103	263.14	ug/l	98
12) 1,1-Dichloroethene	4.050	96	210239	50.39	ug/l	97
13) Acrolein	3.897	56	58504	207.35	ug/l	100
14) Allyl chloride	4.671	41	280944	51.76	ug/l	99
15) Acrylonitrile	5.373	53	199606	241.98	ug/l	99
16) Acetone	4.129	43	194880	290.13	ug/l	98
17) Carbon Disulfide	4.391	76	571542	50.14	ug/l	100
18) Methyl Acetate	4.671	43	94942	48.02	ug/l	100
19) Methyl tert-butyl Ether	5.427	73	264655	50.53	ug/l	98
20) Methylene Chloride	4.921	84	263204	54.32	ug/l	95
21) trans-1,2-Dichloroethene	5.427	96	233269	48.94	ug/l	92
22) Diisopropyl ether	6.311	45	541845	49.08	ug/l	98
23) Vinyl Acetate	6.257	43	1870977	251.84	ug/l	99
24) 1,1-Dichloroethane	6.220	63	416162	48.67	ug/l	99
25) 2-Butanone	7.171	43	279484	253.30	ug/l	99
26) 2,2-Dichloropropane	7.171	77	238171	51.69	ug/l	99
27) cis-1,2-Dichloroethene	7.171	96	259643	49.09	ug/l	99
28) Bromochloromethane	7.518	49	183817	52.84	ug/l	99
29) Tetrahydrofuran	7.537	42	157364	243.88	ug/l	99
30) Chloroform	7.677	83	422313	48.58	ug/l	96
31) Cyclohexane	7.957	56	332504	46.50	ug/l	96
32) 1,1,1-Trichloroethane	7.878	97	328132	50.84	ug/l	100
36) 1,1-Dichloropropene	8.085	75	338751	49.65	ug/l	99
37) Ethyl Acetate	7.250	43	130516	49.45	ug/l	100
38) Carbon Tetrachloride	8.073	117	310438	51.64	ug/l	99
39) Methylcyclohexane	9.335	83	388459	51.47	ug/l	98
40) Benzene	8.323	78	934782	49.02	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.482	41	74029	51.37	ug/l		93
42) 1,2-Dichloroethane	8.402	62	281583	49.81	ug/l		100
43) Isopropyl Acetate	8.427	43	252230	51.25	ug/l		99
44) Trichloroethene	9.097	130	244132	49.65	ug/l		97
45) 1,2-Dichloropropane	9.372	63	227240	49.26	ug/l		98
46) Dibromomethane	9.463	93	122544	48.93	ug/l		97
47) Bromodichloromethane	9.646	83	310252	49.84	ug/l		99
48) Methyl methacrylate	9.439	41	117592	52.03	ug/l		97
49) 1,4-Dioxane	9.463	88	31712	1110.77	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.207	43	639142	250.62	ug/l		100
52) Toluene	10.390	92	604895	50.03	ug/l		99
53) t-1,3-Dichloropropene	10.609	75	316252	51.64	ug/l		100
54) cis-1,3-Dichloropropene	10.073	75	371623	50.95	ug/l		96
55) 1,1,2-Trichloroethane	10.786	97	172224	49.75	ug/l		97
56) Ethyl methacrylate	10.646	69	226543	52.11	ug/l		100
57) 1,3-Dichloropropane	10.932	76	302751	48.90	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.927	63	616882	274.35	ug/l		99
59) 2-Hexanone	10.969	43	440798	260.06	ug/l		99
60) Dibromochloromethane	11.128	129	200957	51.88	ug/l		99
61) 1,2-Dibromoethane	11.237	107	165900	49.83	ug/l		98
64) Tetrachloroethene	10.865	164	201314	49.47	ug/l		94
65) Chlorobenzene	11.658	112	619282	48.59	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.731	131	219975	50.58	ug/l		100
67) Ethyl Benzene	11.731	91	1193695	50.64	ug/l		98
68) m/p-Xylenes	11.841	106	895621	101.12	ug/l		98
69) o-Xylene	12.170	106	425066	51.47	ug/l		99
70) Styrene	12.182	104	717824	51.21	ug/l		99
71) Bromoform	12.347	173	108540	49.72	ug/l		100
73) Isopropylbenzene	12.463	105	1180482	50.74	ug/l		100
74) N-amyl acetate	12.274	43	247551	51.59	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.713	83	203003	48.77	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	135850m	45.33	ug/l		
77) Bromobenzene	12.743	156	258630	50.43	ug/l		98
78) n-propylbenzene	12.804	91	1444117	50.77	ug/l		99
79) 2-Chlorotoluene	12.889	91	814178	50.24	ug/l		100
80) 1,3,5-Trimethylbenzene	12.944	105	1005942	50.94	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.511	75	64984	52.85	ug/l		98
82) 4-Chlorotoluene	12.987	91	857741	49.86	ug/l		100
83) tert-Butylbenzene	13.206	119	867490	52.12	ug/l		99
84) 1,2,4-Trimethylbenzene	13.249	105	1006398	51.34	ug/l		99
85) sec-Butylbenzene	13.383	105	1251546	50.71	ug/l		100
86) p-Isopropyltoluene	13.499	119	1086257	50.80	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	532279	50.82	ug/l		99
88) 1,4-Dichlorobenzene	13.578	146	524612	50.81	ug/l		98
89) n-Butylbenzene	13.822	91	1093009	51.98	ug/l		100
90) Hexachloroethane	14.090	117	171953	51.30	ug/l		100
91) 1,2-Dichlorobenzene	13.871	146	457300	49.36	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	33853	50.94	ug/l		98
93) 1,2,4-Trichlorobenzene	15.133	180	308009	49.65	ug/l		99
94) Hexachlorobutadiene	15.237	225	178661	49.86	ug/l		97
95) Naphthalene	15.365	128	575895	50.96	ug/l		99
96) 1,2,3-Trichlorobenzene	15.548	180	268189	49.93	ug/l		97

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

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