Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
Data File : VW019031.D
Acq On : 18 May 2021 21:30
Operator : SY/VA
Sample : M2262-02 5PPBLOQ
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations APPROVED
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5/20/2021 5:59:04 PM

Quant Time: May 19 07:52:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
Quant Title : SW846 8260
QLast Update : Wed May 19 07:50:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.952	168	364845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	612024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	562280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	269394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	225148	60.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 121.00%			
35) Dibromofluoromethane	7.884	113	202977	59.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.12%			
50) Toluene-d8	10.323	98	800880	59.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 119.42%			
62) 4-Bromofluorobenzene	12.615	95	280056	57.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	12526	5.10	ug/l	90
3) Chloromethane	2.215	50	15673	5.75	ug/l	92
4) Vinyl Chloride	2.367	62	20976	5.24	ug/l	98
5) Bromomethane	2.782	94	19053	5.68	ug/l	91
6) Chloroethane	2.922	64	14358	5.22	ug/l	93
7) Trichlorofluoromethane	3.263	101	9350	4.25	ug/l	98
8) Diethyl Ether	3.684	74	10846	5.66	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.068	101	19128	5.37	ug/l	99
10) Methyl Iodide	4.281	142	28746	5.50	ug/l	97
11) Tert butyl alcohol	5.165	59	8421	38.87	ug/l	96
12) 1,1-Dichloroethene	4.056	96	19289	5.31	ug/l	89
13) Acrolein	3.897	56	6203	25.24	ug/l	99
14) Allyl chloride	4.672	41	24884	5.26	ug/l	99
15) Acrylonitrile	5.367	53	20094	27.97	ug/l	99
16) Acetone	4.129	43	17793	30.41	ug/l	99
17) Carbon Disulfide	4.391	76	50107	5.05	ug/l	97
18) Methyl Acetate	4.678	43	19990	11.61	ug/l	99
19) Methyl tert-butyl Ether	5.434	73	26232	5.75	ug/l	99
20) Methylene Chloride	4.928	84	44152	8.41	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	23133	5.57	ug/l	93
22) Diisopropyl ether	6.306	45	51831	5.39	ug/l	91
23) Vinyl Acetate	6.257	43	136080	21.03	ug/l	100
24) 1,1-Dichloroethane	6.214	63	40900	5.49	ug/l	98
25) 2-Butanone	7.177	43	27311	28.42	ug/l	97
26) 2,2-Dichloropropane	7.165	77	21748	5.42	ug/l	98
27) cis-1,2-Dichloroethene	7.171	96	25347	5.50	ug/l	98
28) Bromochloromethane	7.519	49	16616	5.48	ug/l	100
29) Tetrahydrofuran	7.537	42	15355	27.32	ug/l	98
30) Chloroform	7.677	83	43427	5.74	ug/l	99
31) Cyclohexane	7.952	56	38062	6.11	ug/l #	82
32) 1,1,1-Trichloroethane	7.872	97	30723	5.46	ug/l	98
36) 1,1-Dichloropropene	8.086	75	33033	5.42	ug/l	99
37) Ethyl Acetate	7.263	43	13455	5.71	ug/l	98
38) Carbon Tetrachloride	8.073	117	28035	5.22	ug/l	94
39) Methylcyclohexane	9.335	83	34375	5.10	ug/l	97
40) Benzene	8.323	78	95513	5.61	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.488	41	6542	5.08	ug/l		97
42) 1,2-Dichloroethane	8.403	62	28956	5.73	ug/l		99
43) Isopropyl Acetate	8.427	43	21858	4.97	ug/l		94
44) Trichloroethene	9.098	130	24309	5.53	ug/l		98
45) 1,2-Dichloropropane	9.372	63	23049	5.59	ug/l		98
46) Dibromomethane	9.457	93	12557	5.61	ug/l		99
47) Bromodichloromethane	9.646	83	30659	5.51	ug/l	#	91
48) Methyl methacrylate	9.439	41	9991	4.95	ug/l		96
49) 1,4-Dioxane	9.451	88	3049	119.54	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.213	43	63293	27.78	ug/l		99
52) Toluene	10.390	92	59974	5.55	ug/l		99
53) t-1,3-Dichloropropene	10.604	75	27320	4.99	ug/l		97
54) cis-1,3-Dichloropropene	10.073	75	32920	5.05	ug/l		99
55) 1,1,2-Trichloroethane	10.793	97	17186	5.56	ug/l		94
56) Ethyl methacrylate	10.646	69	20010	5.15	ug/l		99
57) 1,3-Dichloropropane	10.933	76	30041	5.43	ug/l		97
58) 2-Chloroethyl Vinyl ether	9.927	63	50045	24.91	ug/l		100
59) 2-Hexanone	10.969	43	40334	26.64	ug/l		97
60) Dibromochloromethane	11.128	129	17868	5.16	ug/l		99
61) 1,2-Dibromoethane	11.238	107	16434	5.52	ug/l		99
64) Tetrachloroethene	10.866	164	19863	5.44	ug/l		96
65) Chlorobenzene	11.658	112	63506	5.55	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.731	131	20597	5.28	ug/l		100
67) Ethyl Benzene	11.731	91	113684	5.37	ug/l		98
68) m/p-Xylenes	11.841	106	83845	10.55	ug/l		99
69) o-Xylene	12.164	106	38801	5.23	ug/l		99
70) Styrene	12.182	104	65719	5.22	ug/l		99
71) Bromoform	12.353	173	9411	4.80	ug/l	#	98
73) Isopropylbenzene	12.463	105	102987	5.22	ug/l		100
74) N-amyl acetate	12.274	43	17143	4.21	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.713	83	19796	5.60	ug/l		98
76) 1,2,3-Trichloropropane	12.768	75	13100m	5.15	ug/l		
77) Bromobenzene	12.749	156	24499	5.63	ug/l		96
78) n-propylbenzene	12.804	91	129997	5.38	ug/l		100
79) 2-Chlorotoluene	12.890	91	75409	5.48	ug/l		100
80) 1,3,5-Trimethylbenzene	12.945	105	87964	5.25	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.512	75	4537	4.35	ug/l		91
82) 4-Chlorotoluene	12.987	91	79092	5.42	ug/l		98
83) tert-Butylbenzene	13.207	119	74363	5.26	ug/l		98
84) 1,2,4-Trimethylbenzene	13.249	105	88724	5.33	ug/l		100
85) sec-Butylbenzene	13.384	105	111554	5.32	ug/l		100
86) p-Isopropyltoluene	13.499	119	93101	5.13	ug/l		98
87) 1,3-Dichlorobenzene	13.499	146	49287	5.54	ug/l		100
88) 1,4-Dichlorobenzene	13.579	146	50869	5.80	ug/l		96
89) n-Butylbenzene	13.822	91	91810	5.14	ug/l		99
90) Hexachloroethane	14.091	117	14757	5.19	ug/l		97
91) 1,2-Dichlorobenzene	13.871	146	44025	5.60	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	2967	5.26	ug/l		97
93) 1,2,4-Trichlorobenzene	15.127	180	29391	5.58	ug/l		94
94) Hexachlorobutadiene	15.231	225	16822	5.53	ug/l		96
95) Naphthalene	15.365	128	51842	5.40	ug/l		100
96) 1,2,3-Trichlorobenzene	15.548	180	26561	5.83	ug/l		98

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

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