Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083121\
Data File : VW019950.D
Acq On : 31 Aug 2021 11:49
Operator : SY/VA
Sample : M3579-20MSD
Misc : 5.99g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GB6C0MSD

Quant Time: Sep 01 01:03:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Sep 01 00:59:56 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	348449	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	329349	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	167647	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	103327	19.139	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.560%			
7) Chloroethane-d5	2.891	69	105517	22.267	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.080%			
11) 1,1-Dichloroethene-d2	4.032	63	171970	18.357	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 73.440%			
21) 2-Butanone-d5	7.092	46	53233	48.543	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.080%			
24) Chloroform-d	7.653	84	211842	22.106	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.440%			
26) 1,2-Dichloroethane-d4	8.311	65	115591	22.383	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.520%			
32) Benzene-d6	8.281	84	396515	21.115	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.480%			
36) 1,2-Dichloropropane-d6	9.281	67	125343	22.041	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 88.160%			
41) Toluene-d8	10.323	98	360315	20.938	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.760%			
43) trans-1,3-Dichloroprop...	10.579	79	52725	22.443	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.760%			
47) 2-Hexanone-d5	10.927	63	41083	51.859	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.720%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	116691	25.212	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	122487	21.300	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 85.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	63295	18.535	ug/L	98
3) Chloromethane	2.215	50	71998	16.942	ug/L	97
5) Vinyl chloride	2.373	62	134408	21.327	ug/L	98
6) Bromomethane	2.788	94	96667	20.670	ug/L	96
8) Chloroethane	2.928	64	95727	23.170	ug/L	97
9) Trichlorofluoromethane	3.263	101	67665	16.692	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	100580	20.904	ug/L	97
12) 1,1-Dichloroethene	4.050	96	95408	20.220	ug/L	96
13) Acetone	4.147	43	35319	37.728	ug/L	86
14) Carbon disulfide	4.391	76	281362	18.643	ug/L	100
15) Methyl Acetate	4.684	43	42102	21.605	ug/L #	76
16) Methylene chloride	4.922	84	110905	18.545	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	102917	20.763	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	138268	24.233	ug/L	96
19) 1,1-Dichloroethane	6.220	63	186823	21.263	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	109428	21.811	ug/L	99
22) 2-Butanone	7.183	43	54887	45.245	ug/L	100
23) Bromochloromethane	7.519	128	51409	22.896	ug/L	95
25) Chloroform	7.683	83	198052	21.788	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Wed Sep 01 00:59:56 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	132882	22.409	ug/L	#	95
29) Cyclohexane	7.964	56	154729	20.005	ug/L		98
30) 1,1,1-Trichloroethane	7.878	97	154010	20.923	ug/L		99
31) Carbon tetrachloride	8.073	117	144553	21.067	ug/L		100
33) Benzene	8.329	78	439362	21.736	ug/L		100
34) Trichloroethene	9.098	95	107755	20.506	ug/L		97
35) Methylcyclohexane	9.342	83	172642	19.154	ug/L		98
37) 1,2-Dichloropropane	9.372	63	110546	22.082	ug/L		99
38) Bromodichloromethane	9.646	83	142753	22.012	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	165024	22.385	ug/L		99
40) 4-Methyl-2-pentanone	10.213	43	130816	49.142	ug/L		98
42) Toluene	10.390	91	481980	22.509	ug/L		97
44) trans-1,3-Dichloropropene	10.610	75	150321	23.166	ug/L		96
45) 1,1,2-Trichloroethane	10.786	97	85333	23.545	ug/L		99
46) Tetrachloroethene	10.860	164	88804	22.310	ug/L		95
48) 2-Hexanone	10.969	43	89690	48.401	ug/L		94
49) Dibromochloromethane	11.128	129	94752	22.855	ug/L		96
50) 1,2-Dibromoethane	11.238	107	78908	23.180	ug/L		96
51) Chlorobenzene	11.658	112	290740	21.379	ug/L		100
52) Ethylbenzene	11.731	91	504267	21.874	ug/L		98
53) m,p-Xylene	11.841	106	193048	21.807	ug/L		99
54) o-Xylene	12.170	106	184501	22.032	ug/L		95
55) Styrene	12.182	104	324320	22.666	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.713	83	104566	23.527	ug/L		99
59) Bromoform	12.347	173	50055	22.488	ug/L		97
60) Isopropylbenzene	12.463	105	476561	20.979	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	75046	22.831	ug/L		98
62) 1,3,5-Trimethylbenzene	12.945	105	377314	20.811	ug/L		100
63) 1,2,4-Trimethylbenzene	13.249	105	392905	21.380	ug/L		97
64) 1,3-Dichlorobenzene	13.499	146	203603	20.104	ug/L		94
65) 1,4-Dichlorobenzene	13.579	146	217076	20.853	ug/L		93
67) 1,2-Dichlorobenzene	13.871	146	195328	21.239	ug/L		100
68) 1,2-Dibromo-3-chloropr...	14.481	75	16540	23.083	ug/L		92
69) 1,3,5-Trichlorobenzene	14.627	180	128400	18.400	ug/L		98
70) 1,2,4-trichlorobenzene	15.133	180	105756	19.723	ug/L		100
71) Naphthalene	15.365	128	244992	22.909	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	92962	18.723	ug/L		97

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

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