Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
Data File : VW020570.D
Acq On : 18 Oct 2021 18:09
Operator : SY/VA
Sample : M4211-19MSD
Misc : 4.71g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JDGD7MSD

Quant Time: Oct 19 05:44:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Oct 19 05:41:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	224160	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	214627	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	112200	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	79558	24.391	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.560%			
7) Chloroethane-d5	2.879	69	42239	24.515	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.080%			
11) 1,1-Dichloroethene-d2	4.013	63	149725	22.402	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.600%			
21) 2-Butanone-d5	7.080	46	62605	63.068	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 126.140%			
24) Chloroform-d	7.653	84	188372	26.363	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.440%			
26) 1,2-Dichloroethane-d4	8.305	65	111450	27.310	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 109.240%			
32) Benzene-d6	8.275	84	357082	25.293	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.160%			
36) 1,2-Dichloropropane-d6	9.274	67	117921	25.628	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.520%			
41) Toluene-d8	10.323	98	315559	24.911	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.640%			
43) trans-1,3-Dichloroprop...	10.579	79	49475	26.460	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.840%			
47) 2-Hexanone-d5	10.927	63	45423	64.173	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 128.340%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	98722	28.385	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.560%			
66) 1,2-Dichlorobenzene-d4	13.853	152	111009	25.292	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	35085	24.221	ug/L	100
3) Chloromethane	2.215	50	58882	19.550	ug/L	97
5) Vinyl chloride	2.355	62	77046	18.187	ug/L	97
6) Bromomethane	2.769	94	31352	17.040	ug/L	98
8) Chloroethane	2.916	64	26831	17.153	ug/L	94
9) Trichlorofluoromethane	3.245	101	29878	12.396	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	64458	18.752	ug/L	99
12) 1,1-Dichloroethene	4.031	96	58832	18.667	ug/L #	76
13) Acetone	4.129	43	87400	95.900	ug/L	98
14) Carbon disulfide	4.379	76	171042	16.685	ug/L	99
15) Methyl Acetate	4.672	43	37773	22.318	ug/L	99
16) Methylene chloride	4.915	84	72846	16.717	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	62931	19.031	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	100761	21.628	ug/L	99
19) 1,1-Dichloroethane	6.214	63	134321	19.815	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	69941	20.350	ug/L	99
22) 2-Butanone	7.177	43	53049	46.501	ug/L	98
23) Bromochloromethane	7.513	128	30064	19.944	ug/L	93
25) Chloroform	7.677	83	132389	20.089	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	94712	21.013	ug/L	99
29) Cyclohexane	7.958	56	118515	18.861	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	100652	18.877	ug/L	99
31) Carbon tetrachloride	8.067	117	86111	18.369	ug/L	100
33) Benzene	8.323	78	293415	19.194	ug/L	100
34) Trichloroethene	9.091	95	69980	18.582	ug/L	98
35) Methylcyclohexane	9.335	83	116494	18.075	ug/L	99
37) 1,2-Dichloropropane	9.366	63	78358	19.793	ug/L	99
38) Bromodichloromethane	9.646	83	94748	19.962	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	115392	21.126	ug/L	97
40) 4-Methyl-2-pentanone	10.213	43	108438	45.637	ug/L	99
42) Toluene	10.390	91	302814	19.748	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	102029	21.190	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	52367	20.602	ug/L	99
46) Tetrachloroethene	10.866	164	48658	17.988	ug/L	95
48) 2-Hexanone	10.969	43	82093	47.090	ug/L	100
49) Dibromochloromethane	11.128	129	56990	20.351	ug/L	91
50) 1,2-Dibromoethane	11.237	107	47484	20.338	ug/L	100
51) Chlorobenzene	11.658	112	182521	19.303	ug/L	97
52) Ethylbenzene	11.731	91	332796	20.015	ug/L	99
53) m,p-Xylene	11.841	106	123381	20.026	ug/L	99
54) o-Xylene	12.164	106	118126	20.762	ug/L	92
55) Styrene	12.182	104	212098	21.320	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	66256	21.027	ug/L	97
59) Bromoform	12.353	173	31875	20.279	ug/L	100
60) Isopropylbenzene	12.463	105	321926	19.549	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	49016	19.830	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	272375	20.258	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	277034	20.801	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	134943	18.938	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	139243	18.893	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	127582	19.544	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	11573	22.042	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	98907	19.466	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	83589	20.777	ug/L	98
71) Naphthalene	15.365	128	165705	22.909	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	72799	20.602	ug/L	98

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

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