Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051922\
Data File : VW023182.D
Acq On : 19 May 2022 18:57
Operator : SY/VA
Sample : N2929-02MS
Misc : 6.55g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DBTF7MS

Quant Time: May 20 01:53:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 20 01:47:53 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	284804	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	235067	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72935	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	128640	22.015	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.080%			
7) Chloroethane-d5	2.879	69	93458	24.585	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.320%			
11) 1,1-Dichloroethene-d2	4.019	63	145390	19.257	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.040%			
21) 2-Butanone-d5	7.080	46	107392	96.665	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 193.320%#			
24) Chloroform-d	7.647	84	213926	25.638	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 102.560%			
26) 1,2-Dichloroethane-d4	8.305	65	136052	29.729	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 118.920%			
32) Benzene-d6	8.275	84	386338	28.514	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.040%			
36) 1,2-Dichloropropane-d6	9.275	67	120007	31.531	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 126.120%#			
41) Toluene-d8	10.323	98	317674	24.271	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.080%			
43) trans-1,3-Dichloroprop...	10.579	79	54224	30.942	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 123.760%			
47) 2-Hexanone-d5	10.921	63	93734	129.011	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 258.020%#			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	143807	40.538	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 162.160%#			
66) 1,2-Dichlorobenzene-d4	13.853	152	66541	26.099	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	36567	23.553	ug/L	95
3) Chloromethane	2.215	50	69440	23.146	ug/L	99
5) Vinyl chloride	2.361	62	108700	18.053	ug/L	99
6) Bromomethane	2.770	94	65733	17.004	ug/L	98
8) Chloroethane	2.916	64	58149	20.023	ug/L	96
9) Trichlorofluoromethane	3.251	101	42583	15.474	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	70442	17.119	ug/L	95
12) 1,1-Dichloroethene	4.038	96	65869	18.058	ug/L	83
13) Acetone	4.123	43	69682	83.775	ug/L	100
14) Carbon disulfide	4.385	76	116737	11.673	ug/L	97
15) Methyl Acetate	4.666	43	60035	35.927	ug/L	99
16) Methylene chloride	4.922	84	89063	21.371	ug/L	95
17) trans-1,2-Dichloroethene	5.422	96	74919	18.251	ug/L	90
18) Methyl tert-butyl Ether	5.428	73	188762	30.123	ug/L	100
19) 1,1-Dichloroethane	6.214	63	149970	21.556	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	90926	20.623	ug/L #	99
22) 2-Butanone	7.171	43	91151	78.360	ug/L	98
23) Bromochloromethane	7.519	128	49318	23.885	ug/L	89
25) Chloroform	7.677	83	168305	21.878	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	126568	24.682	ug/L		99
29) Cyclohexane	7.958	56	68626	13.499	ug/L		100
30) 1,1,1-Trichloroethane	7.872	97	128129	23.065	ug/L		99
31) Carbon tetrachloride	8.067	117	103927	20.000	ug/L		100
33) Benzene	8.323	78	323385	23.353	ug/L		100
34) Trichloroethene	9.092	95	75080	19.715	ug/L		96
35) Methylcyclohexane	9.335	83	61400	9.814	ug/L		98
37) 1,2-Dichloropropane	9.366	63	86135	25.703	ug/L		99
38) Bromodichloromethane	9.646	83	121087	25.439	ug/L		94
39) cis-1,3-Dichloropropene	10.073	75	131664	25.339	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	199852	94.617	ug/L		98
42) Toluene	10.384	91	326075	21.011	ug/L		99
44) trans-1,3-Dichloropropene	10.604	75	126188	27.208	ug/L		97
45) 1,1,2-Trichloroethane	10.786	97	87859	31.362	ug/L		97
46) Tetrachloroethene	10.860	164	43537	15.212	ug/L		91
48) 2-Hexanone	10.963	43	150098	106.355	ug/L		97
49) Dibromochloromethane	11.128	129	92314	27.379	ug/L		99
50) 1,2-Dibromoethane	11.232	107	86248	30.661	ug/L		100
51) Chlorobenzene	11.658	112	188697	18.443	ug/L		97
52) Ethylbenzene	11.725	91	292687	16.952	ug/L		99
53) m,p-Xylene	11.841	106	110295	16.213	ug/L		97
54) o-Xylene	12.164	106	112110	17.173	ug/L		92
55) Styrene	12.176	104	196898	17.750	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	115356	32.968	ug/L		98
59) Bromoform	12.347	173	48637	47.055	ug/L	#	96
60) Isopropylbenzene	12.463	105	238841	23.904	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	91889	63.054	ug/L		99
62) 1,3,5-Trimethylbenzene	12.939	105	109012	19.611	ug/L		99
63) 1,2,4-Trimethylbenzene	13.249	105	173123	20.741	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	86029	19.285	ug/L		90
65) 1,4-Dichlorobenzene	13.579	146	91406	19.837	ug/L		99
67) 1,2-Dichlorobenzene	13.865	146	90259	22.110	ug/L		98
68) 1,2-Dibromo-3-chloropr...	14.481	75	18532	58.186	ug/L		94
69) 1,3,5-Trichlorobenzene	14.627	180	30050	10.148	ug/L		97
70) 1,2,4-trichlorobenzene	15.127	180	24521	10.294	ug/L		99
71) Naphthalene	15.359	128	137636	26.585	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	22809	10.804	ug/L		95

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

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