Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051622\
Data File : VW023059.D
Acq On : 16 May 2022 17:36
Operator : SY/VA
Sample : N2843-03MS
Misc : 6.06g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW4H4MS

Quant Time: May 17 01:29:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 17 01:24:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	318154	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	284102	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	115128	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	108480	16.619	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.480%			
7) Chloroethane-d5	2.879	69	89867	21.162	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.640%			
11) 1,1-Dichloroethene-d2	4.019	63	138018	16.364	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.440%			
21) 2-Butanone-d5	7.073	46	72659	58.546	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.100%			
24) Chloroform-d	7.646	84	204053	21.891	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.560%			
26) 1,2-Dichloroethane-d4	8.305	65	121132	23.694	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.760%			
32) Benzene-d6	8.274	84	375792	22.948	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.800%			
36) 1,2-Dichloropropane-d6	9.274	67	119058	25.883	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.520%			
41) Toluene-d8	10.323	98	333112	21.058	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.240%			
43) trans-1,3-Dichloroprop...	10.579	79	50241	23.721	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.880%			
47) 2-Hexanone-d5	10.920	63	59501	67.760	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 135.520%#			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	107292	25.025	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 100.080%			
66) 1,2-Dichlorobenzene-d4	13.853	152	95755	23.793	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	54055	31.167	ug/L	94
3) Chloromethane	2.215	50	79219	23.637	ug/L	97
5) Vinyl chloride	2.355	62	136147	20.242	ug/L	97
6) Bromomethane	2.769	94	77812	18.018	ug/L	94
8) Chloroethane	2.916	64	76088	23.454	ug/L	93
9) Trichlorofluoromethane	3.245	101	48650	15.825	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	83664	18.201	ug/L #	94
12) 1,1-Dichloroethene	4.043	96	76478	18.768	ug/L	83
13) Acetone	4.123	43	51171	55.072	ug/L	100
14) Carbon disulfide	4.379	76	182234	16.312	ug/L	98
15) Methyl Acetate	4.671	43	40981	21.954	ug/L #	67
16) Methylene chloride	4.915	84	100417	21.570	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	89940	19.614	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	166962	23.851	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	176106	22.659	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	109369	22.205	ug/L #	96
22) 2-Butanone	7.171	43	67013	51.571	ug/L	99
23) Bromochloromethane	7.512	128	51611	22.375	ug/L	92
25) Chloroform	7.671	83	213198	24.809	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.402	62	131316	22.923	ug/L		97
29) Cyclohexane	7.951	56	91155	14.836	ug/L		99
30) 1,1,1-Trichloroethane	7.872	97	156334	23.285	ug/L		99
31) Carbon tetrachloride	8.067	117	133228	21.213	ug/L		98
33) Benzene	8.323	78	396860	23.712	ug/L		100
34) Trichloroethene	9.091	95	130206	28.289	ug/L		98
35) Methylcyclohexane	9.335	83	70624	9.340	ug/L		96
37) 1,2-Dichloropropane	9.366	63	100895	24.911	ug/L		100
38) Bromodichloromethane	9.646	83	148143	25.752	ug/L		98
39) cis-1,3-Dichloropropene	10.073	75	155267	24.724	ug/L		98
40) 4-Methyl-2-pentanone	10.207	43	137312	53.788	ug/L		99
42) Toluene	10.390	91	425949	22.709	ug/L		94
44) trans-1,3-Dichloropropene	10.603	75	140326	25.034	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	88989	26.283	ug/L		98
46) Tetrachloroethene	10.859	164	56926	16.457	ug/L		95
48) 2-Hexanone	10.969	43	105866	62.066	ug/L		97
49) Dibromochloromethane	11.128	129	105852	25.976	ug/L		97
50) 1,2-Dibromoethane	11.231	107	83268	24.492	ug/L		97
51) Chlorobenzene	11.652	112	271681	21.971	ug/L		98
52) Ethylbenzene	11.731	91	421715	20.210	ug/L		97
53) m,p-Xylene	11.835	106	162995	19.824	ug/L		97
54) o-Xylene	12.164	106	162248	20.564	ug/L		98
55) Styrene	12.176	104	290221	21.647	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.713	83	77131	18.239	ug/L		98
59) Bromoform	12.347	173	52789	32.355	ug/L		96
60) Isopropylbenzene	12.463	105	360087	22.831	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	80822	35.134	ug/L		99
62) 1,3,5-Trimethylbenzene	12.938	105	172682	19.680	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	272644	20.694	ug/L		99
64) 1,3-Dichlorobenzene	13.499	146	150918	21.432	ug/L		96
65) 1,4-Dichlorobenzene	13.572	146	150566	20.701	ug/L		96
67) 1,2-Dichlorobenzene	13.865	146	148221	23.002	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	15607	31.044	ug/L	#	91
69) 1,3,5-Trichlorobenzene	14.627	180	50840	10.877	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	43482	11.564	ug/L		95
71) Naphthalene	15.359	128	191844	23.475	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	41419	12.429	ug/L		97

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

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