Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042922\
Data File : VW022727.D
Acq On : 30 Apr 2022 03:42
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

Quant Time: Apr 30 04:28:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 30 01:41:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	260171	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	265139	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	156303	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	101590	17.663	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.640%			
7) Chloroethane-d5	2.885	69	75734	21.010	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.040%			
11) 1,1-Dichloroethene-d2	4.025	63	154867	20.760	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 83.040%			
21) 2-Butanone-d5	7.074	46	56399	56.166	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.340%			
24) Chloroform-d	7.653	84	202919	24.953	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.800%			
26) 1,2-Dichloroethane-d4	8.305	65	111870	24.077	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.320%			
32) Benzene-d6	8.275	84	369000	22.779	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 91.120%			
36) 1,2-Dichloropropane-d6	9.268	67	111988	23.889	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.560%			
41) Toluene-d8	10.323	98	357182	22.514	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.040%			
43) trans-1,3-Dichloroprop...	10.579	79	44764	20.233	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.920%			
47) 2-Hexanone-d5	10.920	63	47746	54.743	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.480%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	112473	28.217	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.880%			
66) 1,2-Dichlorobenzene-d4	13.853	152	134917	24.370	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	23404	18.351	ug/L	98
3) Chloromethane	2.215	50	68565	21.563	ug/L	93
5) Vinyl chloride	2.361	62	142135	21.422	ug/L	97
6) Bromomethane	2.776	94	82991	20.576	ug/L	96
8) Chloroethane	2.916	64	70829	24.384	ug/L	97
9) Trichlorofluoromethane	3.257	101	70296	28.697	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	105828	27.131	ug/L	96
12) 1,1-Dichloroethene	4.044	96	91363	26.081	ug/L	85
13) Acetone	4.123	43	38449	56.238	ug/L	91
14) Carbon disulfide	4.385	76	206728	17.939	ug/L	99
15) Methyl Acetate	4.672	43	47351	27.599	ug/L	94
16) Methylene chloride	4.915	84	130323	33.289	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	104200	25.392	ug/L	90
18) Methyl tert-butyl Ether	5.428	73	187756	28.015	ug/L	96
19) 1,1-Dichloroethane	6.214	63	198120	26.459	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	122993	28.378	ug/L #	87
22) 2-Butanone	7.165	43	61546	59.603	ug/L	95
23) Bromochloromethane	7.513	128	57641	30.903	ug/L	93
25) Chloroform	7.671	83	226538	28.725	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.403	62	145018	26.163	ug/L		97
29) Cyclohexane	7.958	56	151393	19.950	ug/L		95
30) 1,1,1-Trichloroethane	7.872	97	183775	24.987	ug/L		97
31) Carbon tetrachloride	8.067	117	167606	25.390	ug/L		99
33) Benzene	8.323	78	458936	25.495	ug/L		100
34) Trichloroethene	9.092	95	122258	25.365	ug/L		95
35) Methylcyclohexane	9.335	83	183834	21.259	ug/L		95
37) 1,2-Dichloropropane	9.366	63	115953	26.888	ug/L		100
38) Bromodichloromethane	9.640	83	168419	27.157	ug/L		96
39) cis-1,3-Dichloropropene	10.073	75	175014	25.575	ug/L		96
40) 4-Methyl-2-pentanone	10.207	43	146525	55.675	ug/L		93
42) Toluene	10.384	91	529415	25.666	ug/L		94
44) trans-1,3-Dichloropropene	10.603	75	157546	25.712	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	97977	29.769	ug/L		97
46) Tetrachloroethene	10.860	164	86222	24.336	ug/L		96
48) 2-Hexanone	10.963	43	102478	55.194	ug/L	#	95
49) Dibromochloromethane	11.128	129	119073	30.335	ug/L		98
50) 1,2-Dibromoethane	11.231	107	94949	29.216	ug/L		90
51) Chlorobenzene	11.658	112	352324	27.951	ug/L		94
52) Ethylbenzene	11.731	91	601241	26.004	ug/L		96
53) m,p-Xylene	11.835	106	236940	26.952	ug/L		88
54) o-Xylene	12.164	106	230229	27.405	ug/L		98
55) Styrene	12.176	104	398879	27.790	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.713	83	124930	30.926	ug/L		98
59) Bromoform	12.347	173	63549	27.361	ug/L		99
60) Isopropylbenzene	12.463	105	640883	24.683	ug/L		98
61) 1,2,3-Trichloropropane	12.768	75	90238	27.140	ug/L		97
62) 1,3,5-Trimethylbenzene	12.938	105	354395	24.819	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	529775	24.398	ug/L		94
64) 1,3-Dichlorobenzene	13.493	146	284593	27.007	ug/L		98
65) 1,4-Dichlorobenzene	13.579	146	278488	26.499	ug/L		98
67) 1,2-Dichlorobenzene	13.865	146	259140	27.498	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19784	25.656	ug/L	#	83
69) 1,3,5-Trichlorobenzene	14.627	180	179315	26.081	ug/L		95
70) 1,2,4-trichlorobenzene	15.127	180	146720	25.410	ug/L		98
71) Naphthalene	15.359	128	343769	28.227	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	132090	26.763	ug/L		98

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

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