Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072622\
Data File : VW024086.D
Acq On : 26 Jul 2022 07:56
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025508

Quant Time: Jul 26 23:36:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 26 01:30:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	239348	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	262505	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	161163	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	129251	25.193	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.760%			
7) Chloroethane-d5	2.873	69	87082	25.121	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.480%			
11) 1,1-Dichloroethene-d2	4.013	63	113505	25.126	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.520%			
21) 2-Butanone-d5	7.074	46	40020	43.891	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.780%			
24) Chloroform-d	7.641	84	155058	23.565	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.240%			
26) 1,2-Dichloroethane-d4	8.299	65	88076	23.298	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.200%			
32) Benzene-d6	8.268	84	286234	23.473	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.880%			
36) 1,2-Dichloropropane-d6	9.268	67	86392	22.461	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.840%			
41) Toluene-d8	10.317	98	296771	24.335	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.360%			
43) trans-1,3-Dichloroprop...	10.573	79	40344	23.657	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.640%			
47) 2-Hexanone-d5	10.920	63	36916	45.910	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.820%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	103120	23.236	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.960%			
66) 1,2-Dichlorobenzene-d4	13.847	152	119117	22.822	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	29049	16.433	ug/L	92
3) Chloromethane	2.215	50	106059	23.110	ug/L	100
5) Vinyl chloride	2.355	62	184371	25.775	ug/L	99
6) Bromomethane	2.769	94	115636	29.263	ug/L	93
8) Chloroethane	2.910	64	82156	26.109	ug/L	97
9) Trichlorofluoromethane	3.239	101	93710	28.141	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	80239	26.018	ug/L #	74
12) 1,1-Dichloroethene	4.025	96	66089	26.145	ug/L	93
13) Acetone	4.123	43	36179	55.916	ug/L	96
14) Carbon disulfide	4.379	76	202839	26.125	ug/L	99
15) Methyl Acetate	4.665	43	36763	23.554	ug/L	96
16) Methylene chloride	4.909	84	83710	22.978	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	81779	26.441	ug/L	98
18) Methyl tert-butyl Ether	5.421	73	121221	26.441	ug/L	98
19) 1,1-Dichloroethane	6.208	63	149745	25.632	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	88857	26.163	ug/L	96
22) 2-Butanone	7.171	43	55961	53.885	ug/L	98
23) Bromochloromethane	7.513	128	43111	24.666	ug/L	92
25) Chloroform	7.671	83	170239	25.184	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	127426	26.467	ug/L	100
29) Cyclohexane	7.951	56	130341	26.949	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	143736	24.496	ug/L	98
31) Carbon tetrachloride	8.067	117	136253	25.191	ug/L	97
33) Benzene	8.317	78	383656	25.299	ug/L	100
34) Trichloroethene	9.085	95	98811	24.606	ug/L	94
35) Methylcyclohexane	9.335	83	170221	27.901	ug/L	99
37) 1,2-Dichloropropane	9.366	63	96791	25.246	ug/L	98
38) Bromodichloromethane	9.640	83	134281	24.566	ug/L	96
39) cis-1,3-Dichloropropene	10.067	75	145231	26.000	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	134939	50.580	ug/L	99
42) Toluene	10.384	91	468974	27.341	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	140683	26.595	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	84480	25.224	ug/L	95
46) Tetrachloroethene	10.853	164	81234	25.846	ug/L	89
48) 2-Hexanone	10.963	43	106172	54.917	ug/L	98
49) Dibromochloromethane	11.128	129	98160	25.083	ug/L	99
50) 1,2-Dibromoethane	11.231	107	80908	24.673	ug/L	93
51) Chlorobenzene	11.652	112	302827	26.232	ug/L	97
52) Ethylbenzene	11.725	91	533412	28.217	ug/L	99
53) m,p-Xylene	11.835	106	213280	29.068	ug/L	95
54) o-Xylene	12.164	106	206154	29.380	ug/L	97
55) Styrene	12.176	104	373741	29.732	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.707	83	119422	25.727	ug/L	97
59) Bromoform	12.347	173	60920	24.455	ug/L	99
60) Isopropylbenzene	12.463	105	567364	27.793	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83666	23.096	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	478253	29.121	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	475694	28.618	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	260207	26.651	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	265820	25.648	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	231103	25.306	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.475	75	18402	22.735	ug/L	95
69) 1,3,5-Trichlorobenzene	14.621	180	164965	26.496	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	121150	25.680	ug/L	92
71) Naphthalene	15.359	128	277655	27.505	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	116255	26.198	ug/L	96

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

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