Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072922\
Data File : VW024127.D
Acq On : 29 Jul 2022 10:45
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025027

Quant Time: Jul 30 00:04:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 29 01:16:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	247094	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	259934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	154922	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	123023	23.227	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.920%			
7) Chloroethane-d5	2.873	69	89621	25.043	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.160%			
11) 1,1-Dichloroethene-d2	4.007	63	111024	23.806	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 95.240%			
21) 2-Butanone-d5	7.074	46	48546	51.573	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 103.140%			
24) Chloroform-d	7.641	84	166004	24.437	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.760%			
26) 1,2-Dichloroethane-d4	8.299	65	93224	23.886	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.560%			
32) Benzene-d6	8.269	84	299215	24.780	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.120%			
36) 1,2-Dichloropropane-d6	9.268	67	92557	24.302	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.200%			
41) Toluene-d8	10.323	98	303977	25.173	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.680%			
43) trans-1,3-Dichloroprop...	10.573	79	42209	24.996	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.000%			
47) 2-Hexanone-d5	10.921	63	44068	55.346	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.700%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	109678	24.958	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.840%			
66) 1,2-Dichlorobenzene-d4	13.847	152	120092	23.936	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	27404	15.017	ug/L	98
3) Chloromethane	2.209	50	97564	20.592	ug/L	98
5) Vinyl chloride	2.349	62	165883	22.464	ug/L	100
6) Bromomethane	2.770	94	104024	25.499	ug/L	94
8) Chloroethane	2.910	64	80115	24.662	ug/L	98
9) Trichlorofluoromethane	3.245	101	96192	27.981	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	78541	24.669	ug/L	97
12) 1,1-Dichloroethene	4.032	96	63053	24.162	ug/L	86
13) Acetone	4.117	43	38037	56.945	ug/L	69
14) Carbon disulfide	4.373	76	181988	22.705	ug/L	97
15) Methyl Acetate	4.672	43	39022	24.217	ug/L	95
16) Methylene chloride	4.903	84	101655	27.030	ug/L	99
17) trans-1,2-Dichloroethene	5.409	96	78969	24.732	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	121172	25.602	ug/L	99
19) 1,1-Dichloroethane	6.208	63	151994	25.202	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	89343	25.482	ug/L	95
22) 2-Butanone	7.165	43	59668	55.654	ug/L	98
23) Bromochloromethane	7.506	128	44582	24.708	ug/L	89
25) Chloroform	7.671	83	175670	25.173	ug/L	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 29 01:16:23 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	125882	25.327	ug/L		99
29) Cyclohexane	7.952	56	119622	24.977	ug/L		99
30) 1,1,1-Trichloroethane	7.866	97	145226	24.995	ug/L		100
31) Carbon tetrachloride	8.061	117	136097	25.411	ug/L		99
33) Benzene	8.317	78	373239	24.855	ug/L		100
34) Trichloroethene	9.092	95	96784	24.340	ug/L		94
35) Methylcyclohexane	9.329	83	152393	25.226	ug/L		97
37) 1,2-Dichloropropane	9.366	63	96962	25.541	ug/L		99
38) Bromodichloromethane	9.640	83	137209	25.350	ug/L		97
39) cis-1,3-Dichloropropene	10.067	75	144711	26.164	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	141158	53.435	ug/L		99
42) Toluene	10.384	91	450329	26.513	ug/L		98
44) trans-1,3-Dichloropropene	10.604	75	140847	26.890	ug/L		98
45) 1,1,2-Trichloroethane	10.786	97	83838	25.279	ug/L		97
46) Tetrachloroethene	10.860	164	78525	25.232	ug/L		97
48) 2-Hexanone	10.963	43	108907	56.888	ug/L		97
49) Dibromochloromethane	11.128	129	100346	25.895	ug/L		98
50) 1,2-Dibromoethane	11.231	107	82392	25.374	ug/L	#	94
51) Chlorobenzene	11.652	112	295095	25.815	ug/L		96
52) Ethylbenzene	11.725	91	502798	26.861	ug/L		98
53) m,p-Xylene	11.835	106	198429	27.311	ug/L		95
54) o-Xylene	12.164	106	196072	28.220	ug/L		92
55) Styrene	12.176	104	351653	28.251	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.713	83	118612	25.805	ug/L		99
59) Bromoform	12.347	173	60715	25.354	ug/L		100
60) Isopropylbenzene	12.463	105	524183	26.713	ug/L		99
61) 1,2,3-Trichloropropane	12.768	75	84829	24.361	ug/L		98
62) 1,3,5-Trimethylbenzene	12.938	105	434917	27.549	ug/L		97
63) 1,2,4-Trimethylbenzene	13.249	105	435967	27.284	ug/L		100
64) 1,3-Dichlorobenzene	13.493	146	239271	25.494	ug/L		95
65) 1,4-Dichlorobenzene	13.579	146	249811	25.074	ug/L		95
67) 1,2-Dichlorobenzene	13.865	146	223257	25.431	ug/L		96
68) 1,2-Dibromo-3-chloropr...	14.481	75	19153	24.616	ug/L		88
69) 1,3,5-Trichlorobenzene	14.627	180	155053	25.907	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	119499	26.351	ug/L		94
71) Naphthalene	15.365	128	267116	27.527	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	117905	27.640	ug/L		94

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

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