Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070124\
Data File : VW029416.D
Acq On : 01 Jul 2024 08:46
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025523

Quant Time: Jul 02 08:08:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Jun 29 02:05:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	291256	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	270324	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137134	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	73547	18.244	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.960%			
7) Chloroethane-d5	2.905	69	63839	18.752	ug/L	0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.000%			
11) 1,1-Dichloroethene-d2	4.021	65	36963	18.990	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.960%			
21) 2-Butanone-d5	7.075	46	50066	41.511	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.020%			
24) Chloroform-d	7.648	84	186593	21.476	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 85.920%			
26) 1,2-Dichloroethane-d4	8.307	65	101227	20.293	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 81.160%			
32) Benzene-d6	8.276	84	345340	21.032	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.120%			
36) 1,2-Dichloropropane-d6	9.270	67	111890	21.437	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 85.760%			
41) Toluene-d8	10.319	98	303119	20.866	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.480%			
43) trans-1,3-Dichloroprop...	10.575	79	44434	21.126	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.520%			
47) 2-Hexanone-d5	10.922	63	33517	40.964	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.920%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85088	20.483	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.920%			
66) 1,2-Dichlorobenzene-d4	13.848	152	99621	20.929	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 83.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	56768	19.978	ug/L	92
3) Chloromethane	2.229	50	77254	19.067	ug/L	99
5) Vinyl chloride	2.375	62	97292	20.910	ug/L	98
6) Bromomethane	2.796	94	58059	20.761	ug/L	93
8) Chloroethane	2.942	64	61423	21.583	ug/L	99
9) Trichlorofluoromethane	3.271	101	97360	26.989	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	89564	22.519	ug/L	92
12) 1,1-Dichloroethene	4.051	96	80900	23.972	ug/L #	71
13) Acetone	4.119	43	61426	59.929	ug/L	97
14) Carbon disulfide	4.393	76	231551	21.018	ug/L	99
15) Methyl Acetate	4.673	43	42864	21.065	ug/L #	83
16) Methylene chloride	4.923	84	97606	19.059	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	85839	22.903	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	136315	22.733	ug/L	99
19) 1,1-Dichloroethane	6.222	63	189698	23.435	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	98202	23.761	ug/L	99
22) 2-Butanone	7.167	43	67603	48.114	ug/L	99
23) Bromochloromethane	7.514	128	41239	22.415	ug/L	93
25) Chloroform	7.679	83	186858	23.640	ug/L	98

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	127978	21.953	ug/L	99
29) Cyclohexane	7.959	56	147695	23.899	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	152779	25.416	ug/L	96
31) Carbon tetrachloride	8.069	117	135112	24.605	ug/L	96
33) Benzene	8.325	78	389569	23.985	ug/L	100
34) Trichloroethene	9.093	95	101309	23.379	ug/L	94
35) Methylcyclohexane	9.337	83	162770	23.884	ug/L	100
37) 1,2-Dichloropropane	9.368	63	107990	23.661	ug/L	99
38) Bromodichloromethane	9.642	83	131777	23.615	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	154994	24.024	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	119051	42.085	ug/L	99
42) Toluene	10.386	91	413696	24.775	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	128908	23.663	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	70929	22.314	ug/L	96
46) Tetrachloroethene	10.861	164	75373	24.882	ug/L	87
48) 2-Hexanone	10.965	43	96887	48.268	ug/L	98
49) Dibromochloromethane	11.129	129	78995	23.774	ug/L	94
50) 1,2-Dibromoethane	11.233	107	63336	22.197	ug/L	95
51) Chlorobenzene	11.654	112	248805	22.946	ug/L	99
52) Ethylbenzene	11.727	91	462834	24.419	ug/L	95
53) m,p-Xylene	11.837	106	175315	25.322	ug/L	93
54) o-Xylene	12.160	106	164541	25.430	ug/L	97
55) Styrene	12.178	104	285121	25.273	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	83542	21.247	ug/L	94
59) Bromoform	12.343	173	42171	22.437	ug/L	98
60) Isopropylbenzene	12.459	105	462221	25.296	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61169	20.450	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	336264	25.410	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	363589	25.536	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	189878	24.012	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	190422	22.633	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	172462	23.592	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	12811	18.353	ug/L	99
69) 1,3,5-Trichlorobenzene	14.617	180	128384	24.057	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	102562	23.707	ug/L	98
71) Naphthalene	15.360	128	178859	20.947	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	90548	22.971	ug/L	96

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

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