Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102824\
Data File : VW030781.D
Acq On : 28 Oct 2024 11:01
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD050539

Quant Time: Oct 29 01:25:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 25 23:19:25 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	248639	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	228319	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116940	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	105246	26.929	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 107.720%			
7) Chloroethane-d5	2.899	69	89949	30.405	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 121.600%			
11) 1,1-Dichloroethene-d2	4.021	65	43860	26.982	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 107.920%			
21) 2-Butanone-d5	7.081	46	34692	49.325	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 98.660%			
24) Chloroform-d	7.648	84	207148	29.132	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 116.520%			
26) 1,2-Dichloroethane-d4	8.301	65	103622	28.025	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.080%			
32) Benzene-d6	8.270	84	394659	29.782	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 119.120%			
36) 1,2-Dichloropropane-d6	9.270	67	111983	28.791	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.160%			
41) Toluene-d8	10.319	98	363734	30.068	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 120.280%			
43) trans-1,3-Dichloroprop...	10.575	79	44203	27.141	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 108.560%			
47) 2-Hexanone-d5	10.922	63	28140	56.172	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.340%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	80221	28.084	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 112.320%			
66) 1,2-Dichlorobenzene-d4	13.849	152	108793	27.495	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 110.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	57430	18.079	ug/L	93
3) Chloromethane	2.223	50	79443	21.517	ug/L	100
5) Vinyl chloride	2.375	62	103660	22.830	ug/L	98
6) Bromomethane	2.790	94	71584	23.953	ug/L	94
8) Chloroethane	2.930	64	69379	24.996	ug/L	99
9) Trichlorofluoromethane	3.265	101	91109	22.426	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	89378	24.452	ug/L	98
12) 1,1-Dichloroethene	4.045	96	80160	24.030	ug/L	97
13) Acetone	4.131	43	45716	44.397	ug/L	99
14) Carbon disulfide	4.387	76	204145	18.740	ug/L	97
15) Methyl Acetate	4.673	43	30270	23.798	ug/L	96
16) Methylene chloride	4.917	84	87870	23.377	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	87771	24.384	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	123262	24.467	ug/L	99
19) 1,1-Dichloroethane	6.216	63	175912	26.294	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	97799	25.472	ug/L	97
22) 2-Butanone	7.167	43	49410	44.516	ug/L	100
23) Bromochloromethane	7.514	128	41157	24.504	ug/L	95
25) Chloroform	7.673	83	191818	26.830	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	118022	25.023	ug/L	100
29) Cyclohexane	7.953	56	129936	23.379	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	157398	25.969	ug/L	98
31) Carbon tetrachloride	8.069	117	136232	25.166	ug/L	98
33) Benzene	8.319	78	384332	25.867	ug/L	100
34) Trichloroethene	9.087	95	101132	24.466	ug/L	98
35) Methylcyclohexane	9.331	83	155819	23.953	ug/L	99
37) 1,2-Dichloropropane	9.361	63	98669	26.589	ug/L	100
38) Bromodichloromethane	9.642	83	131769	26.689	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	147014	26.265	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	89474	50.190	ug/L	100
42) Toluene	10.386	91	424992	26.811	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	120385	25.594	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	71058	26.495	ug/L	96
46) Tetrachloroethene	10.861	164	75069	24.623	ug/L	90
48) 2-Hexanone	10.965	43	72605	49.802	ug/L	97
49) Dibromochloromethane	11.123	129	76728	25.640	ug/L	98
50) 1,2-Dibromoethane	11.233	107	61646	24.633	ug/L	95
51) Chlorobenzene	11.654	112	260629	25.542	ug/L	98
52) Ethylbenzene	11.727	91	480267	26.553	ug/L	100
53) m,p-Xylene	11.837	106	178366	26.322	ug/L	98
54) o-Xylene	12.160	106	165753	26.458	ug/L	98
55) Styrene	12.178	104	285137	26.624	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	77437	25.604	ug/L	95
59) Bromoform	12.343	173	41330	25.156	ug/L	99
60) Isopropylbenzene	12.459	105	482001	26.616	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	53814	23.649	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	378269	26.476	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	377444	26.982	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	201651	25.581	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	203043	24.946	ug/L	90
67) 1,2-Dichlorobenzene	13.867	146	182682	26.337	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	11143	21.962	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	128848	24.788	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	101649	24.291	ug/L	99
71) Naphthalene	15.360	128	172750	23.894	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	86076	23.727	ug/L	96

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

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