Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020325\
Data File : VW031678.D
Acq On : 03 Feb 2025 08:33
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

Quant Time: Feb 04 07:45:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Feb 03 07:53:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	341905	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	243106	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	96012	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	126602	23.612	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.440%			
7) Chloroethane-d5	2.899	69	85014	23.429	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.720%			
11) 1,1-Dichloroethene-d2	4.021	65	58279	21.927	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.720%			
21) 2-Butanone-d5	7.094	46	86928	51.442	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.880%			
24) Chloroform-d	7.655	84	171805	23.120	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.480%			
26) 1,2-Dichloroethane-d4	8.313	65	65913	22.987	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.960%			
32) Benzene-d6	8.276	84	396229	23.692	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.760%			
36) 1,2-Dichloropropane-d6	9.276	67	94707	23.226	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.920%			
41) Toluene-d8	10.325	98	334261	22.256	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.040%			
43) trans-1,3-Dichloroprop...	10.581	79	28200	23.435	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.760%			
47) 2-Hexanone-d5	10.922	63	38895	51.041	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.080%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68299	23.643	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.560%			
66) 1,2-Dichlorobenzene-d4	13.849	152	76534	24.405	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	104334	21.580	ug/L #	88
3) Chloromethane	2.216	50	101578	22.039	ug/L	95
5) Vinyl chloride	2.369	62	153554	24.188	ug/L	99
6) Bromomethane	2.790	94	75607	26.213	ug/L	94
8) Chloroethane	2.930	64	77808	25.165	ug/L	90
9) Trichlorofluoromethane	3.271	101	136818	27.538	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	118977	21.249	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	119626	22.167	ug/L	95
13) Acetone	4.155	43	74745	55.258	ug/L	87
14) Carbon disulfide	4.387	76	384080	23.352	ug/L	98
15) Methyl Acetate	4.692	43	60564	25.478	ug/L #	100
16) Methylene chloride	4.929	84	86679	24.158	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	117528	21.923	ug/L	97
18) Methyl tert-butyl Ether	5.435	73	110003	23.895	ug/L #	69
19) 1,1-Dichloroethane	6.222	63	190784	23.032	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	106928	23.131	ug/L	95
22) 2-Butanone	7.185	43	100085	49.718	ug/L	98
23) Bromochloromethane	7.514	128	35521	23.711	ug/L	90
25) Chloroform	7.679	83	170048	23.067	ug/L	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM013125SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Feb 03 07:53:12 2025
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.404	62	89153	25.005	ug/L		97
29) Cyclohexane	7.959	56	232921	20.834	ug/L		99
30) 1,1,1-Trichloroethane	7.868	97	175397	22.697	ug/L		99
31) Carbon tetrachloride	8.069	117	158061	21.762	ug/L		99
33) Benzene	8.325	78	436033	22.386	ug/L		100
34) Trichloroethene	9.093	95	121939	21.223	ug/L		98
35) Methylcyclohexane	9.337	83	243657	21.255	ug/L		97
37) 1,2-Dichloropropane	9.368	63	89836	22.905	ug/L		98
38) Bromodichloromethane	9.648	83	96044	23.515	ug/L		98
39) cis-1,3-Dichloropropene	10.075	75	115161	23.634	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	127339	49.076	ug/L		100
42) Toluene	10.386	91	436898	21.494	ug/L		95
44) trans-1,3-Dichloropropene	10.605	75	87290	24.623	ug/L		99
45) 1,1,2-Trichloroethane	10.782	97	56844	24.225	ug/L		94
46) Tetrachloroethene	10.861	164	93395	21.863	ug/L		94
48) 2-Hexanone	10.965	43	102099	52.375	ug/L		99
49) Dibromochloromethane	11.123	129	52770	24.298	ug/L		99
50) 1,2-Dibromoethane	11.233	107	55661	24.558	ug/L	#	100
51) Chlorobenzene	11.654	112	245716	22.580	ug/L		99
52) Ethylbenzene	11.727	91	494983	21.114	ug/L		99
53) m,p-Xylene	11.837	106	184150	21.701	ug/L		99
54) o-Xylene	12.166	106	156635	21.666	ug/L		97
55) Styrene	12.178	104	255381	22.891	ug/L		95
57) 1,1,2,2-Tetrachloroethane	12.709	83	71843	23.569	ug/L		96
59) Bromoform	12.343	173	30158	28.527	ug/L		98
60) Isopropylbenzene	12.459	105	512059	23.089	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	57860	26.418	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	375548	23.032	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	342230	23.363	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	168276	24.978	ug/L		99
65) 1,4-Dichlorobenzene	13.574	146	159243	23.977	ug/L		89
67) 1,2-Dichlorobenzene	13.867	146	131356	23.827	ug/L		93
68) 1,2-Dibromo-3-chloropr...	14.476	75	16241	26.921	ug/L	#	87
69) 1,3,5-Trichlorobenzene	14.623	180	110517	23.519	ug/L		99
70) 1,2,4-trichlorobenzene	15.123	180	84044	24.502	ug/L		98
71) Naphthalene	15.360	128	173455	24.726	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	65351	23.375	ug/L		98

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

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