Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
Data File : VW027543.D
Acq On : 06 Nov 2023 12:05
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025552

Quant Time: Nov 07 00:49:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 07 00:38:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	447947	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	413388	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	198742	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	205241	25.277	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 101.120%			
7) Chloroethane-d5	2.899	69	146268	26.219	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.880%			
11) 1,1-Dichloroethene-d2	4.021	65	88399	25.008	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 100.040%			
21) 2-Butanone-d5	7.075	46	95446	54.511	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.020%			
24) Chloroform-d	7.648	84	339260	25.959	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.840%			
26) 1,2-Dichloroethane-d4	8.307	65	176616	26.597	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 106.400%			
32) Benzene-d6	8.276	84	725996	26.268	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.080%			
36) 1,2-Dichloropropane-d6	9.270	67	218110	25.552	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.200%			
41) Toluene-d8	10.325	98	635343	25.694	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.760%			
43) trans-1,3-Dichloroprop...	10.575	79	86146	26.328	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 105.320%			
47) 2-Hexanone-d5	10.922	63	72195	55.554	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.100%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	156236	27.224	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 108.880%			
66) 1,2-Dichlorobenzene-d4	13.848	152	190468	25.213	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	126954	25.719	ug/L	94
3) Chloromethane	2.223	50	167348	25.286	ug/L	99
5) Vinyl chloride	2.375	62	182800	24.346	ug/L	100
6) Bromomethane	2.796	94	103864	25.086	ug/L	98
8) Chloroethane	2.936	64	105083	24.654	ug/L	98
9) Trichlorofluoromethane	3.271	101	128679	22.644	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	139011	23.614	ug/L #	85
12) 1,1-Dichloroethene	4.051	96	140268	23.730	ug/L	93
13) Acetone	4.119	43	95073	51.239	ug/L	99
14) Carbon disulfide	4.387	76	487241	23.965	ug/L	99
15) Methyl Acetate	4.667	43	72783	25.531	ug/L	99
16) Methylene chloride	4.923	84	162171	22.181	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	152943	24.430	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	235200	25.182	ug/L	99
19) 1,1-Dichloroethane	6.216	63	309419	24.826	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	169290	25.017	ug/L	99
22) 2-Butanone	7.173	43	121370	50.791	ug/L	100
23) Bromochloromethane	7.514	128	68983	24.517	ug/L	97
25) Chloroform	7.679	83	286687	24.775	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Tue Nov 07 00:38:58 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	192854	25.328	ug/L	97
29) Cyclohexane	7.959	56	296959	23.714	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	228780	23.646	ug/L	99
31) Carbon tetrachloride	8.069	117	197064	23.270	ug/L	98
33) Benzene	8.325	78	658654	24.113	ug/L	100
34) Trichloroethene	9.093	95	168067	23.806	ug/L	93
35) Methylcyclohexane	9.337	83	302858	23.683	ug/L	100
37) 1,2-Dichloropropane	9.368	63	174377	24.280	ug/L	100
38) Bromodichloromethane	9.642	83	202144	24.745	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	267504	25.154	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	207597	51.765	ug/L	100
42) Toluene	10.386	91	694037	24.491	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	214297	25.116	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	115314	24.693	ug/L	97
46) Tetrachloroethene	10.861	164	119709	23.628	ug/L	94
48) 2-Hexanone	10.965	43	164857	51.659	ug/L	100
49) Dibromochloromethane	11.123	129	120627	25.550	ug/L	96
50) 1,2-Dibromoethane	11.233	107	107725	24.617	ug/L	95
51) Chlorobenzene	11.654	112	417873	23.959	ug/L	98
52) Ethylbenzene	11.727	91	791522	24.491	ug/L	100
53) m,p-Xylene	11.837	106	291724	24.479	ug/L	95
54) o-Xylene	12.160	106	279795	24.798	ug/L	100
55) Styrene	12.178	104	482835	25.253	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	138228	25.267	ug/L	99
59) Bromoform	12.349	173	62878	24.512	ug/L	97
60) Isopropylbenzene	12.458	105	782900	24.052	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	101452	24.746	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	590883	23.809	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	612107	24.100	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	315229	23.832	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	307687	23.220	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	273345	23.682	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.483	75	20810	22.869	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	200677	23.651	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	168998	24.513	ug/L	95
71) Naphthalene	15.360	128	333006	25.941	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	143819	25.083	ug/L	98

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

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