Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102623\
Data File : VW027441.D
Acq On : 26 Oct 2023 09:55
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025538

Quant Time: Oct 27 01:21:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Oct 26 00:48:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	364619	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	330409	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	174317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	111227	19.988	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.960%			
7) Chloroethane-d5	2.893	69	93171	23.318	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.280%			
11) 1,1-Dichloroethene-d2	4.021	65	58947	21.141	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.560%			
21) 2-Butanone-d5	7.075	46	99278	53.676	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.360%			
24) Chloroform-d	7.648	84	280650	25.825	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.280%			
26) 1,2-Dichloroethane-d4	8.307	65	146207	25.045	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.200%			
32) Benzene-d6	8.276	84	548484	24.536	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.160%			
36) 1,2-Dichloropropane-d6	9.270	67	179280	26.257	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.040%			
41) Toluene-d8	10.325	98	464616	22.920	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.680%			
43) trans-1,3-Dichloroprop...	10.575	79	68778	22.093	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.360%			
47) 2-Hexanone-d5	10.922	63	73893	52.307	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.620%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144017	28.271	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 113.080%			
66) 1,2-Dichlorobenzene-d4	13.849	152	151215	23.938	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	91851	21.172	ug/L #	78
3) Chloromethane	2.223	50	133678	26.812	ug/L	97
5) Vinyl chloride	2.375	62	148402	26.647	ug/L	95
6) Bromomethane	2.783	94	81647	25.739	ug/L	98
8) Chloroethane	2.930	64	88800	27.701	ug/L	99
9) Trichlorofluoromethane	3.265	101	121584	30.945	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	135269	27.494	ug/L	98
12) 1,1-Dichloroethene	4.045	96	125686	26.287	ug/L	87
13) Acetone	4.119	43	94663	59.258	ug/L	100
14) Carbon disulfide	4.393	76	325757	21.978	ug/L	99
15) Methyl Acetate	4.667	43	74474	27.295	ug/L	97
16) Methylene chloride	4.917	84	148561	22.259	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	134783	26.230	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	234083	26.404	ug/L	99
19) 1,1-Dichloroethane	6.222	63	303674	28.966	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	161193	27.778	ug/L	98
22) 2-Butanone	7.167	43	119416	49.942	ug/L	99
23) Bromochloromethane	7.514	128	64394	26.878	ug/L	86
25) Chloroform	7.673	83	289824	29.537	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	189625	28.450	ug/L		100
29) Cyclohexane	7.959	56	259582	25.875	ug/L		98
30) 1,1,1-Trichloroethane	7.874	97	223808	27.769	ug/L		97
31) Carbon tetrachloride	8.069	117	195033	26.837	ug/L		99
33) Benzene	8.325	78	615813	28.518	ug/L		100
34) Trichloroethene	9.087	95	159301	27.929	ug/L		93
35) Methylcyclohexane	9.337	83	265630	26.042	ug/L		99
37) 1,2-Dichloropropane	9.368	63	173112	29.650	ug/L		100
38) Bromodichloromethane	9.642	83	200050	27.865	ug/L		98
39) cis-1,3-Dichloropropene	10.069	75	261900	27.155	ug/L		99
40) 4-Methyl-2-pentanone	10.209	43	223858	55.751	ug/L		99
42) Toluene	10.386	91	648798	28.642	ug/L		94
44) trans-1,3-Dichloropropene	10.605	75	216176	26.564	ug/L		98
45) 1,1,2-Trichloroethane	10.782	97	117831	29.328	ug/L		96
46) Tetrachloroethene	10.861	164	107425	27.276	ug/L		90
48) 2-Hexanone	10.965	43	167704	56.430	ug/L		98
49) Dibromochloromethane	11.130	129	118449	26.546	ug/L		94
50) 1,2-Dibromoethane	11.233	107	104532	26.835	ug/L	#	99
51) Chlorobenzene	11.654	112	415103	29.264	ug/L		97
52) Ethylbenzene	11.727	91	746596	28.363	ug/L		96
53) m,p-Xylene	11.837	106	275400	27.584	ug/L		99
54) o-Xylene	12.160	106	268988	28.134	ug/L		96
55) Styrene	12.178	104	465816	28.528	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.709	83	142516	29.057	ug/L		96
59) Bromoform	12.343	173	63745	24.575	ug/L		100
60) Isopropylbenzene	12.459	105	758842	27.711	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	105580	27.739	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	619435	27.118	ug/L		100
63) 1,2,4-Trimethylbenzene	13.245	105	613532	27.452	ug/L		99
64) 1,3-Dichlorobenzene	13.495	146	306721	27.621	ug/L		98
65) 1,4-Dichlorobenzene	13.574	146	306727	27.658	ug/L		97
67) 1,2-Dichlorobenzene	13.867	146	266102	27.005	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.483	75	22573	23.730	ug/L		91
69) 1,3,5-Trichlorobenzene	14.623	180	201837	27.999	ug/L		97
70) 1,2,4-trichlorobenzene	15.129	180	165299	26.941	ug/L		98
71) Naphthalene	15.360	128	331472	26.270	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	141176	27.982	ug/L		89

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

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