Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021924\
Data File : VW028043.D
Acq On : 19 Feb 2024 12:50
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025491

Quant Time: Feb 20 00:29:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Feb 20 00:28:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	300207	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	279289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	144544	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	64862	18.447	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.800%			
7) Chloroethane-d5	2.899	69	59828	22.434	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.720%			
11) 1,1-Dichloroethene-d2	4.015	65	30229	20.093	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.360%			
21) 2-Butanone-d5	7.081	46	31293	57.279	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 114.560%			
24) Chloroform-d	7.648	84	165211	23.536	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.160%			
26) 1,2-Dichloroethane-d4	8.300	65	78907	24.889	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.560%			
32) Benzene-d6	8.270	84	320196	21.428	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 85.720%			
36) 1,2-Dichloropropane-d6	9.270	67	90437	22.322	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 89.280%			
41) Toluene-d8	10.318	98	311327	21.775	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.120%			
43) trans-1,3-Dichloroprop...	10.574	79	39556	23.741	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.960%			
47) 2-Hexanone-d5	10.922	63	30663	55.641	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.280%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78425	25.898	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 103.600%			
66) 1,2-Dichlorobenzene-d4	13.848	152	113004	23.001	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	58439	22.605	ug/L	92
3) Chloromethane	2.222	50	50745	17.873	ug/L	100
5) Vinyl chloride	2.375	62	76578	19.900	ug/L	98
6) Bromomethane	2.789	94	58190	21.401	ug/L	96
8) Chloroethane	2.936	64	50037	23.014	ug/L	97
9) Trichlorofluoromethane	3.271	101	69816	19.963	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	76663	21.748	ug/L	97
12) 1,1-Dichloroethene	4.045	96	73077	22.285	ug/L	88
13) Acetone	4.149	43	25094	47.236	ug/L	93
14) Carbon disulfide	4.393	76	187990	19.364	ug/L	99
15) Methyl Acetate	4.679	43	22894	25.887	ug/L	96
16) Methylene chloride	4.917	84	82461	21.976	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	77396	21.967	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	111207	26.625	ug/L	99
19) 1,1-Dichloroethane	6.222	63	134703	23.535	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	88237	23.717	ug/L	97
22) 2-Butanone	7.173	43	32579	53.126	ug/L	97
23) Bromochloromethane	7.514	128	39970	24.186	ug/L	89
25) Chloroform	7.673	83	151974	24.699	ug/L	97

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Quant Title : SFAM01.0
QLast Update : Tue Feb 20 00:28:09 2024
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	91328	26.654	ug/L	#	94
29) Cyclohexane	7.953	56	103054	20.702	ug/L		97
30) 1,1,1-Trichloroethane	7.874	97	128565	23.846	ug/L		98
31) Carbon tetrachloride	8.069	117	115668	23.190	ug/L		99
33) Benzene	8.325	78	313279	22.458	ug/L		100
34) Trichloroethene	9.087	95	88076	21.994	ug/L		98
35) Methylcyclohexane	9.331	83	138228	20.976	ug/L		99
37) 1,2-Dichloropropane	9.361	63	76942	23.473	ug/L		99
38) Bromodichloromethane	9.642	83	110118	25.167	ug/L		99
39) cis-1,3-Dichloropropene	10.068	75	128723	24.500	ug/L		98
40) 4-Methyl-2-pentanone	10.209	43	68669	55.503	ug/L		99
42) Toluene	10.385	91	352438	22.534	ug/L		93
44) trans-1,3-Dichloropropene	10.605	75	105354	25.264	ug/L		95
45) 1,1,2-Trichloroethane	10.782	97	66617	25.676	ug/L		97
46) Tetrachloroethene	10.861	164	72361	21.475	ug/L		92
48) 2-Hexanone	10.965	43	49701	53.037	ug/L		98
49) Dibromochloromethane	11.123	129	78620	26.579	ug/L		93
50) 1,2-Dibromoethane	11.233	107	62685	25.884	ug/L		87
51) Chlorobenzene	11.654	112	240642	23.133	ug/L		97
52) Ethylbenzene	11.727	91	399963	22.681	ug/L		99
53) m,p-Xylene	11.836	106	160441	23.200	ug/L		97
54) o-Xylene	12.160	106	151252	23.320	ug/L		96
55) Styrene	12.178	104	262305	24.280	ug/L		100
57) 1,1,2,2-Tetrachloroethane	12.708	83	73122	26.318	ug/L		100
59) Bromoform	12.342	173	46853	27.463	ug/L		99
60) Isopropylbenzene	12.458	105	426915	23.655	ug/L		99
61) 1,2,3-Trichloropropane	12.763	75	50335	26.093	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	347153	24.037	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	344503	24.376	ug/L		98
64) 1,3-Dichlorobenzene	13.495	146	195181	23.542	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	192014	22.779	ug/L		85
67) 1,2-Dichlorobenzene	13.860	146	180687	24.675	ug/L		93
68) 1,2-Dibromo-3-chloropr...	14.482	75	10364	27.061	ug/L		90
69) 1,3,5-Trichlorobenzene	14.623	180	138160	23.207	ug/L		94
70) 1,2,4-trichlorobenzene	15.122	180	120753	25.117	ug/L		97
71) Naphthalene	15.360	128	206557	27.649	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	102993	25.677	ug/L		95

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

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