Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042524\
Data File : VW028551.D
Acq On : 25 Apr 2024 13:36
Operator : SY/MD
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Quant Time: Apr 26 01:11:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040824SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 26 01:10:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	285529	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	263171	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	134486	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	80804	17.652	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.600%			
7) Chloroethane-d5	2.899	69	70431	20.301	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.200%			
11) 1,1-Dichloroethene-d2	4.027	65	36033	18.589	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.360%			
21) 2-Butanone-d5	7.081	46	51786	60.457	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.920%			
24) Chloroform-d	7.648	84	186280	25.002	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.000%			
26) 1,2-Dichloroethane-d4	8.307	65	99263	25.636	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.560%			
32) Benzene-d6	8.270	84	338598	23.552	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.200%			
36) 1,2-Dichloropropane-d6	9.270	67	105903	24.782	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.120%			
41) Toluene-d8	10.319	98	306812	23.469	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.880%			
43) trans-1,3-Dichloroprop...	10.575	79	41454	24.396	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.600%			
47) 2-Hexanone-d5	10.922	63	35860	60.579	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.160%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90492	30.013	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 120.040%#			
66) 1,2-Dichlorobenzene-d4	13.849	152	106322	24.998	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	84178	21.920	ug/L	90
3) Chloromethane	2.223	50	104207	23.112	ug/L	100
5) Vinyl chloride	2.375	62	124392	23.166	ug/L	96
6) Bromomethane	2.790	94	76982	22.947	ug/L	99
8) Chloroethane	2.936	64	77103	23.820	ug/L	100
9) Trichlorofluoromethane	3.265	101	90138	21.043	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	99177	24.610	ug/L	98
12) 1,1-Dichloroethene	4.045	96	88883	23.490	ug/L	92
13) Acetone	4.131	43	43116	40.995	ug/L	94
14) Carbon disulfide	4.393	76	268654	21.565	ug/L	99
15) Methyl Acetate	4.673	43	43869	25.923	ug/L	98
16) Methylene chloride	4.917	84	102256	23.667	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	96777	24.280	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	150073	26.766	ug/L	99
19) 1,1-Dichloroethane	6.216	63	196139	25.256	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	108077	25.548	ug/L	96
22) 2-Butanone	7.173	43	58309	45.683	ug/L	98
23) Bromochloromethane	7.514	128	47079	25.837	ug/L	99
25) Chloroform	7.673	83	202025	26.482	ug/L	95

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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	136604	25.944	ug/L		99
29) Cyclohexane	7.953	56	167495	24.095	ug/L		100
30) 1,1,1-Trichloroethane	7.868	97	157346	24.652	ug/L		99
31) Carbon tetrachloride	8.069	117	141780	25.050	ug/L		97
33) Benzene	8.319	78	417885	25.397	ug/L		100
34) Trichloroethene	9.087	95	108514	24.335	ug/L		97
35) Methylcyclohexane	9.331	83	182236	23.949	ug/L		99
37) 1,2-Dichloropropane	9.362	63	110470	25.759	ug/L		99
38) Bromodichloromethane	9.642	83	135973	25.579	ug/L		93
39) cis-1,3-Dichloropropene	10.069	75	162258	25.800	ug/L		95
40) 4-Methyl-2-pentanone	10.209	43	129850	60.484	ug/L		99
42) Toluene	10.386	91	444368	25.492	ug/L		100
44) trans-1,3-Dichloropropene	10.599	75	134743	26.484	ug/L		97
45) 1,1,2-Trichloroethane	10.782	97	77021	26.546	ug/L		96
46) Tetrachloroethene	10.861	164	80074	24.041	ug/L		91
48) 2-Hexanone	10.965	43	90726	53.240	ug/L		97
49) Dibromochloromethane	11.123	129	82639	26.648	ug/L		98
50) 1,2-Dibromoethane	11.233	107	69873	26.386	ug/L	#	93
51) Chlorobenzene	11.654	112	275678	25.443	ug/L		96
52) Ethylbenzene	11.727	91	504350	25.524	ug/L		99
53) m,p-Xylene	11.837	106	189173	25.744	ug/L		90
54) o-Xylene	12.160	106	178422	26.077	ug/L		95
55) Styrene	12.178	104	304898	26.183	ug/L		98
57) 1,1,2,2-Tetrachloroethane	12.708	83	91262	27.794	ug/L		99
59) Bromoform	12.349	173	47652	26.843	ug/L		96
60) Isopropylbenzene	12.459	105	500906	24.844	ug/L		100
61) 1,2,3-Trichloropropane	12.763	75	65607	26.683	ug/L		99
62) 1,3,5-Trimethylbenzene	12.940	105	327415	25.479	ug/L		97
63) 1,2,4-Trimethylbenzene	13.245	105	396461	25.636	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	208827	24.410	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	212205	24.385	ug/L		98
67) 1,2-Dichlorobenzene	13.861	146	189929	25.240	ug/L		92
68) 1,2-Dibromo-3-chloropr...	14.476	75	14191	25.187	ug/L		97
69) 1,3,5-Trichlorobenzene	14.623	180	139331	23.668	ug/L		98
70) 1,2,4-trichlorobenzene	15.129	180	118300	25.733	ug/L		93
71) Naphthalene	15.360	128	233402	28.688	ug/L		99
72) 1,2,3-Trichlorobenzene	15.549	180	106553	26.120	ug/L		99

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

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