Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
Data File : VW031255.D
Acq On : 13 Dec 2024 22:55
Operator : SY/MD
Sample : P5232-22MSD
Misc : 8.11g/10mL/MSVOA_W/SOIL/A
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28S7MSD

Quant Time: Dec 14 00:51:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 14 00:44:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	699190	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	613931	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	290052	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	256803	24.411	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.640%			
7) Chloroethane-d5	2.893	69	191972	24.669	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 98.680%			
11) 1,1-Dichloroethene-d2	4.015	65	122376	24.523	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.080%			
21) 2-Butanone-d5	7.100	46	108110	54.568	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.140%			
24) Chloroform-d	7.648	84	500128	26.107	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 104.440%			
26) 1,2-Dichloroethane-d4	8.307	65	261195	27.148	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.600%			
32) Benzene-d6	8.270	84	992872	25.232	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.920%			
36) 1,2-Dichloropropane-d6	9.270	67	290034	25.290	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.160%			
41) Toluene-d8	10.318	98	918276	25.085	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.320%			
43) trans-1,3-Dichloroprop...	10.575	79	133067	25.164	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.640%			
47) 2-Hexanone-d5	10.922	63	85182	55.232	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.460%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	196626	27.307	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.240%			
66) 1,2-Dichlorobenzene-d4	13.848	152	281747	26.165	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	181634	28.744	ug/L	94
3) Chloromethane	2.222	50	229169	32.282	ug/L	98
5) Vinyl chloride	2.369	62	265546	26.992	ug/L	96
6) Bromomethane	2.789	94	172404	28.505	ug/L	96
8) Chloroethane	2.930	64	160438	27.422	ug/L	98
9) Trichlorofluoromethane	3.265	101	332608	31.736	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	227265	26.854	ug/L	97
12) 1,1-Dichloroethene	4.039	96	235156	27.435	ug/L	87
13) Acetone	4.179	43	117532	42.597	ug/L #	100
14) Carbon disulfide	4.381	76	741228	26.516	ug/L	99
15) Methyl Acetate	4.691	43	98314	31.372	ug/L	100
16) Methylene chloride	4.917	84	246211	27.987	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	253289	27.414	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	475570	30.789	ug/L	99
19) 1,1-Dichloroethane	6.216	63	486154	28.158	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	285339	28.544	ug/L	98
22) 2-Butanone	7.191	43	154702	46.275	ug/L	100
23) Bromochloromethane	7.514	128	115146	28.882	ug/L	94
25) Chloroform	7.673	83	479662	28.149	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Sat Dec 14 00:44:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	315852	29.484	ug/L	99
29) Cyclohexane	7.953	56	426586	25.622	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	422321	26.614	ug/L	99
31) Carbon tetrachloride	8.069	117	379918	26.874	ug/L	98
33) Benzene	8.319	78	1045006	27.544	ug/L	100
34) Trichloroethene	9.093	95	287339	26.826	ug/L	95
35) Methylcyclohexane	9.331	83	480789	25.775	ug/L	99
37) 1,2-Dichloropropane	9.367	63	264845	27.983	ug/L	100
38) Bromodichloromethane	9.642	83	342262	27.816	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	438926	27.444	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	287708	57.296	ug/L	99
42) Toluene	10.386	91	1139603	27.589	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	365576	27.994	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	185223	29.422	ug/L	97
46) Tetrachloroethene	10.861	164	211731	26.986	ug/L	95
48) 2-Hexanone	10.965	43	216888	50.786	ug/L	98
49) Dibromochloromethane	11.129	129	211480	28.340	ug/L	95
50) 1,2-Dibromoethane	11.233	107	173197	29.042	ug/L	97
51) Chlorobenzene	11.654	112	712580	27.514	ug/L	100
52) Ethylbenzene	11.727	91	1308847	27.340	ug/L	97
53) m,p-Xylene	11.836	106	496943	27.268	ug/L	97
54) o-Xylene	12.160	106	479298	27.905	ug/L	99
55) Styrene	12.178	104	800957	28.035	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	201449	29.684	ug/L	94
59) Bromoform	12.349	173	109861	26.961	ug/L	96
60) Isopropylbenzene	12.458	105	1306781	27.531	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	147187	29.655	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	1101189	27.364	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1068048	27.460	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	533521	27.743	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	540704	28.377	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	469311	28.323	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	36411	28.908	ug/L	98
69) 1,3,5-Trichlorobenzene	14.616	180	359998	26.728	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	300953	26.861	ug/L	96
71) Naphthalene	15.354	128	593875	30.234	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	254136	28.153	ug/L	99

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

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