Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102224\
Data File : VW030713.D
Acq On : 22 Oct 2024 19:08
Operator : SY/MD
Sample : P4415-22MS
Misc : 4.89g/10mL/MSVOA_W/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4F44MS

Quant Time: Oct 23 01:41:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 23 01:34:41 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	411904	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	363645	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	160181	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	69845	10.788	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 43.160%			
7) Chloroethane-d5	2.899	69	76900	15.691	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 62.760%			
11) 1,1-Dichloroethene-d2	4.021	65	27970	10.387	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 41.560%#			
21) 2-Butanone-d5	7.075	46	67476	57.911	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.820%			
24) Chloroform-d	7.648	84	248385	21.086	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.360%			
26) 1,2-Dichloroethane-d4	8.301	65	128833	21.033	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.120%			
32) Benzene-d6	8.276	84	347820	16.480	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 65.920%			
36) 1,2-Dichloropropane-d6	9.270	67	133648	21.574	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.280%			
41) Toluene-d8	10.325	98	253750	13.170	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 52.680%			
43) trans-1,3-Dichloroprop...	10.575	79	52026	20.056	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 80.240%			
47) 2-Hexanone-d5	10.922	63	54278	68.027	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 136.060%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	132781	29.186	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 116.760%			
66) 1,2-Dichlorobenzene-d4	13.848	152	112400	20.739	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.960%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	74408	14.139	ug/L	99
3) Chloromethane	2.223	50	94513	15.452	ug/L	100
5) Vinyl chloride	2.375	62	114193	15.181	ug/L	98
6) Bromomethane	2.789	94	83191	16.803	ug/L	89
8) Chloroethane	2.936	64	79882	17.373	ug/L	99
9) Trichlorofluoromethane	3.265	101	96125	14.282	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	92970	15.353	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	81241	14.701	ug/L	92
13) Acetone	4.119	43	34981	20.507	ug/L	97
14) Carbon disulfide	4.393	76	207541	11.500	ug/L	99
15) Methyl Acetate	4.673	43	38733	18.382	ug/L	100
16) Methylene chloride	4.917	84	105578	16.955	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	90299	15.143	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	168189	20.152	ug/L	99
19) 1,1-Dichloroethane	6.216	63	194846	17.580	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	110073	17.306	ug/L	94
22) 2-Butanone	7.167	43	51539	28.029	ug/L	98
23) Bromochloromethane	7.514	128	49096	17.644	ug/L	94
25) Chloroform	7.679	83	209091	17.654	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135805	17.381	ug/L	98
29) Cyclohexane	7.959	56	124048	14.014	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	151519	15.696	ug/L	98
31) Carbon tetrachloride	8.069	117	127175	14.750	ug/L	99
33) Benzene	8.325	78	405571	17.139	ug/L	100
34) Trichloroethene	9.093	95	93895	14.262	ug/L	96
35) Methylcyclohexane	9.337	83	128382	12.391	ug/L	99
37) 1,2-Dichloropropane	9.368	63	110276	18.658	ug/L	100
38) Bromodichloromethane	9.642	83	147994	18.821	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	160564	18.011	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	119844	42.208	ug/L	99
42) Toluene	10.386	91	395373	15.661	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	132813	17.729	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	80798	18.916	ug/L	99
46) Tetrachloroethene	10.861	164	55602	11.451	ug/L	96
48) 2-Hexanone	10.965	43	84394	36.346	ug/L	95
49) Dibromochloromethane	11.129	129	85464	17.931	ug/L	94
50) 1,2-Dibromoethane	11.233	107	70762	17.754	ug/L	94
51) Chlorobenzene	11.654	112	239460	14.734	ug/L	99
52) Ethylbenzene	11.727	91	370099	12.847	ug/L	99
53) m,p-Xylene	11.837	106	131642	12.197	ug/L	84
54) o-Xylene	12.166	106	138659	13.897	ug/L	97
55) Styrene	12.178	104	242468	14.215	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	92258	19.153	ug/L	95
59) Bromoform	12.343	173	44420	19.738	ug/L	99
60) Isopropylbenzene	12.458	105	309733	12.486	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	64511	20.697	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	254018	12.980	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	264808	13.820	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	161934	14.997	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	155964	13.989	ug/L	91
67) 1,2-Dichlorobenzene	13.861	146	154786	16.291	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.482	75	13169	18.948	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	83014	11.659	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	70517	12.302	ug/L	98
71) Naphthalene	15.360	128	167312	16.895	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	64551	12.990	ug/L	97

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

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