Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060724\
Data File : VW029061.D
Acq On : 07 Jun 2024 14:41
Operator : SY/MD
Sample : P2710-22MS
Misc : 5.54g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4B87MS

Quant Time: Jun 07 23:08:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jun 07 23:05:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	533968	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	416278	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	137002	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	166079	19.578	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.320%			
7) Chloroethane-d5	2.893	69	134781	20.691	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.760%			
11) 1,1-Dichloroethene-d2	4.021	65	75682	20.299	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.200%			
21) 2-Butanone-d5	7.075	46	81644	47.107	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.220%			
24) Chloroform-d	7.648	84	339253	22.270	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.080%			
26) 1,2-Dichloroethane-d4	8.307	65	179662	22.402	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.600%			
32) Benzene-d6	8.276	84	662429	25.927	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.720%			
36) 1,2-Dichloropropane-d6	9.270	67	207172	26.743	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.960%			
41) Toluene-d8	10.319	98	549662	24.108	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.440%			
43) trans-1,3-Dichloroprop...	10.575	79	71755	24.105	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.440%			
47) 2-Hexanone-d5	10.922	63	58120	56.853	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 113.700%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	137767	25.599	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.400%			
66) 1,2-Dichlorobenzene-d4	13.848	152	104626	21.521	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.080%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	123083	20.186	ug/L	89
3) Chloromethane	2.222	50	155175	20.831	ug/L	99
5) Vinyl chloride	2.375	62	178238	19.767	ug/L	97
6) Bromomethane	2.789	94	97307	18.011	ug/L	96
8) Chloroethane	2.930	64	111633	20.500	ug/L	100
9) Trichlorofluoromethane	3.265	101	152981	20.410	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	139732	18.894	ug/L	96
12) 1,1-Dichloroethene	4.045	96	144253	21.372	ug/L	94
13) Acetone	4.118	43	55565	30.593	ug/L	99
14) Carbon disulfide	4.387	76	397206	17.382	ug/L	100
15) Methyl Acetate	4.667	43	71095	23.568	ug/L	99
16) Methylene chloride	4.923	84	162033	20.219	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	151437	20.579	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	260322	25.368	ug/L	99
19) 1,1-Dichloroethane	6.216	63	321548	22.225	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	173132	22.441	ug/L	96
22) 2-Butanone	7.167	43	100189	45.777	ug/L	98
23) Bromochloromethane	7.520	128	72954	21.663	ug/L	92
25) Chloroform	7.673	83	307090	21.854	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	211734	22.485	ug/L	100
29) Cyclohexane	7.959	56	212309	20.513	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	241661	25.055	ug/L	98
31) Carbon tetrachloride	8.063	117	201281	22.911	ug/L	98
33) Benzene	8.325	78	671076	25.926	ug/L	100
34) Trichloroethene	9.087	95	164458	24.167	ug/L	98
35) Methylcyclohexane	9.337	83	161718	14.009	ug/L	99
37) 1,2-Dichloropropane	9.368	63	178207	26.291	ug/L	100
38) Bromodichloromethane	9.642	83	208518	25.224	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	243825	24.752	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	225093	65.288	ug/L	99
42) Toluene	10.386	91	645350	24.406	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	196197	24.705	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	119604	26.127	ug/L	97
46) Tetrachloroethene	10.861	164	99747	19.293	ug/L	90
48) 2-Hexanone	10.965	43	167502	64.800	ug/L	97
49) Dibromochloromethane	11.123	129	126068	26.073	ug/L	88
50) 1,2-Dibromoethane	11.233	107	106904	25.582	ug/L	87
51) Chlorobenzene	11.654	112	364547	21.462	ug/L	97
52) Ethylbenzene	11.727	91	649919	21.633	ug/L	95
53) m,p-Xylene	11.837	106	237560	21.348	ug/L	91
54) o-Xylene	12.160	106	229452	22.269	ug/L	97
55) Styrene	12.178	104	361030	20.323	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	128515	24.868	ug/L	98
59) Bromoform	12.349	173	63462	36.023	ug/L	99
60) Isopropylbenzene	12.458	105	532372	27.457	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	99374	38.454	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	349728	24.800	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	379239	25.446	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	187024	22.446	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	192672	22.140	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	165491	22.160	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	19054	34.592	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	76059	13.295	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	52108	11.238	ug/L	99
71) Naphthalene	15.360	128	142658	18.058	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	41596	10.500	ug/L	100

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

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