Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
Data File : VW028571.D
Acq On : 02 May 2024 14:57
Operator : SY/MD
Sample : P2349-06MS
Misc : 6.42g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : E08Q8MS

Quant Time: May 03 04:08:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 03 04:07:09 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	375260	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	324779	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137735	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	150381	21.103	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.400%			
7) Chloroethane-d5	2.905	69	120420	22.070	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.280%			
11) 1,1-Dichloroethene-d2	4.027	65	63107	21.197	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 84.800%			
21) 2-Butanone-d5	7.075	46	82337	44.288	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.580%			
24) Chloroform-d	7.654	84	264041	22.518	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.080%			
26) 1,2-Dichloroethane-d4	8.307	65	154308	22.986	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.960%			
32) Benzene-d6	8.276	84	505824	23.343	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.360%			
36) 1,2-Dichloropropane-d6	9.270	67	159235	24.421	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.680%			
41) Toluene-d8	10.325	98	453660	23.641	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.560%			
43) trans-1,3-Dichloroprop...	10.575	79	65592	25.006	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.040%			
47) 2-Hexanone-d5	10.922	63	57615	51.231	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.460%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	126898	23.209	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.840%			
66) 1,2-Dichlorobenzene-d4	13.848	152	113741	21.666	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	127964	23.465	ug/L	98
3) Chloromethane	2.228	50	162463	24.048	ug/L	100
5) Vinyl chloride	2.375	62	175528	23.078	ug/L	100
6) Bromomethane	2.789	94	102340	23.259	ug/L	97
8) Chloroethane	2.936	64	104968	24.199	ug/L	99
9) Trichlorofluoromethane	3.265	101	139289	22.306	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	123767	21.497	ug/L	93
12) 1,1-Dichloroethene	4.051	96	119817	23.200	ug/L	91
13) Acetone	4.118	43	112085	66.272	ug/L	100
14) Carbon disulfide	4.393	76	389381	22.308	ug/L	100
15) Methyl Acetate	4.673	43	68003	23.111	ug/L	97
16) Methylene chloride	4.923	84	131296	22.623	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	127008	23.621	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	211650	26.674	ug/L	99
19) 1,1-Dichloroethane	6.222	63	257266	24.129	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	136549	24.266	ug/L	99
22) 2-Butanone	7.167	43	124084	57.160	ug/L	99
23) Bromochloromethane	7.514	128	61780	25.169	ug/L	96
25) Chloroform	7.679	83	250378	24.278	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	187261	24.980	ug/L	97
29) Cyclohexane	7.959	56	204294	22.061	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	197401	24.255	ug/L	100
31) Carbon tetrachloride	8.069	117	170420	22.966	ug/L	99
33) Benzene	8.325	78	527530	25.048	ug/L	100
34) Trichloroethene	9.087	95	135175	23.939	ug/L	95
35) Methylcyclohexane	9.337	83	169495	17.176	ug/L	98
37) 1,2-Dichloropropane	9.367	63	141504	25.785	ug/L	100
38) Bromodichloromethane	9.648	83	178342	26.659	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	216764	27.558	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	210137	56.261	ug/L	99
42) Toluene	10.386	91	547228	25.157	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	186924	28.185	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	101510	25.534	ug/L	98
46) Tetrachloroethene	10.861	164	91226	22.424	ug/L	97
48) 2-Hexanone	10.965	43	179382	68.028	ug/L	98
49) Dibromochloromethane	11.123	129	107741	27.020	ug/L	99
50) 1,2-Dibromoethane	11.233	107	98389	26.421	ug/L	100
51) Chlorobenzene	11.654	112	318310	23.657	ug/L	99
52) Ethylbenzene	11.727	91	572835	23.270	ug/L	100
53) m,p-Xylene	11.837	106	208021	23.053	ug/L	93
54) o-Xylene	12.160	106	207689	24.880	ug/L	100
55) Styrene	12.178	104	345384	24.418	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	125722	25.207	ug/L	99
59) Bromoform	12.349	173	58616	29.170	ug/L	97
60) Isopropylbenzene	12.458	105	520208	24.895	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	95048	28.554	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	356828	24.135	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	386950	24.291	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	196406	22.594	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	198579	22.344	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	180174	23.157	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	20138	25.875	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	86972	14.910	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	74475	15.801	ug/L	97
71) Naphthalene	15.360	128	206575	20.571	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	65240	15.340	ug/L	99

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

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