Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121624\
Data File : VW031301.D
Acq On : 17 Dec 2024 04:13
Operator : SY/MD
Sample : P5258-05MS
Misc : 5.67g/10mL/MSVOA_W/SOIL/A
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E28X0MS

Quant Time: Dec 17 06:24:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 17 02:36:53 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	667012	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	579242	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	278349	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	240422	23.956	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 95.840%			
7) Chloroethane-d5	2.893	69	193188	26.022	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 104.080%			
11) 1,1-Dichloroethene-d2	4.009	65	118038	24.795	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 99.200%			
21) 2-Butanone-d5	7.093	46	130976	69.299	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 138.600%#			
24) Chloroform-d	7.642	84	527921	28.887	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 115.560%			
26) 1,2-Dichloroethane-d4	8.301	65	290780	31.681	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 126.720%			
32) Benzene-d6	8.270	84	1048825	28.250	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 113.000%			
36) 1,2-Dichloropropane-d6	9.270	67	314401	29.057	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 116.240%			
41) Toluene-d8	10.318	98	948539	27.463	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.840%			
43) trans-1,3-Dichloroprop...	10.575	79	133422	26.742	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 106.960%			
47) 2-Hexanone-d5	10.922	63	103186	70.912	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 141.820%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	236300	34.782	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 139.120%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	308641	29.868	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 119.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	136112	22.579	ug/L	98
3) Chloromethane	2.222	50	212640	31.399	ug/L	98
5) Vinyl chloride	2.369	62	210426	22.421	ug/L	99
6) Bromomethane	2.783	94	154001	26.690	ug/L	95
8) Chloroethane	2.930	64	140389	25.153	ug/L	99
9) Trichlorofluoromethane	3.253	101	269654	26.970	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.057	101	188278	23.320	ug/L #	70
12) 1,1-Dichloroethene	4.033	96	197333	24.133	ug/L	94
13) Acetone	4.167	43	76062	28.897	ug/L #	100
14) Carbon disulfide	4.381	76	601217	22.545	ug/L	99
15) Methyl Acetate	4.685	43	97110	32.483	ug/L	99
16) Methylene chloride	4.917	84	219942	26.207	ug/L	96
17) trans-1,2-Dichloroethene	5.417	96	228351	25.907	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	444879	30.191	ug/L	99
19) 1,1-Dichloroethane	6.209	63	439078	26.658	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	259319	27.193	ug/L	98
22) 2-Butanone	7.185	43	121834	38.201	ug/L	95
23) Bromochloromethane	7.508	128	111646	29.355	ug/L	94
25) Chloroform	7.673	83	452585	27.842	ug/L	99

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Quant Title : SFAM01.0
QLast Update : Tue Dec 17 02:36:53 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	306654	30.006	ug/L	99
29) Cyclohexane	7.953	56	340910	21.702	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	357343	23.868	ug/L	100
31) Carbon tetrachloride	8.069	117	311941	23.387	ug/L	100
33) Benzene	8.319	78	941635	26.306	ug/L	100
34) Trichloroethene	9.087	95	259493	25.677	ug/L	97
35) Methylcyclohexane	9.331	83	385385	21.898	ug/L	99
37) 1,2-Dichloropropane	9.361	63	245448	27.486	ug/L	99
38) Bromodichloromethane	9.642	83	316501	27.263	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	382174	25.327	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	295181	62.305	ug/L	99
42) Toluene	10.386	91	1030630	26.445	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	320859	26.041	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	179963	30.298	ug/L	96
46) Tetrachloroethene	10.861	164	180853	24.431	ug/L	85
48) 2-Hexanone	10.965	43	197054	48.905	ug/L	100
49) Dibromochloromethane	11.123	129	196411	27.897	ug/L	93
50) 1,2-Dibromoethane	11.233	107	177365	31.522	ug/L	98
51) Chlorobenzene	11.654	112	644110	26.360	ug/L	96
52) Ethylbenzene	11.727	91	1171292	25.932	ug/L	99
53) m,p-Xylene	11.836	106	444235	25.835	ug/L	99
54) o-Xylene	12.160	106	425997	26.287	ug/L	99
55) Styrene	12.178	104	715208	26.532	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	205382	32.076	ug/L	98
59) Bromoform	12.342	173	112635	28.804	ug/L	99
60) Isopropylbenzene	12.458	105	1145114	25.139	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	154239	32.383	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	962506	24.923	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	956874	25.636	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	492234	26.672	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	496494	27.152	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	431398	27.130	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	36070	29.842	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	299954	23.207	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	270610	25.169	ug/L	97
71) Naphthalene	15.360	128	614485	32.598	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	240476	27.760	ug/L	99

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

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