Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW103124\
Data File : VW030868.D
Acq On : 31 Oct 2024 18:02
Operator : SY/MD
Sample : P4582-03MS
Misc : 5.91g/10mL/MSVOA_W/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EE8MS

Quant Time: Nov 01 03:15:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 01 03:09:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	441931	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	423311	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	222581	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	157984	22.743	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.960%			
7) Chloroethane-d5	2.899	69	130832	24.882	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.520%			
11) 1,1-Dichloroethene-d2	4.021	65	55674	19.270	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.080%			
21) 2-Butanone-d5	7.069	46	51207	40.962	ug/L	-0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.920%			
24) Chloroform-d	7.648	84	285529	22.592	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.360%			
26) 1,2-Dichloroethane-d4	8.307	65	145467	22.135	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.520%			
32) Benzene-d6	8.276	84	517988	21.083	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.320%			
36) 1,2-Dichloropropane-d6	9.276	67	152767	21.185	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 84.720%			
41) Toluene-d8	10.319	98	518570	23.121	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.480%			
43) trans-1,3-Dichloroprop...	10.575	79	67367	22.310	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.240%			
47) 2-Hexanone-d5	10.922	63	40980	44.121	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.240%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	113545	21.440	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.760%			
66) 1,2-Dichlorobenzene-d4	13.848	152	154948	20.574	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	91795	16.258	ug/L	92
3) Chloromethane	2.222	50	129441	19.725	ug/L	100
5) Vinyl chloride	2.375	62	165130	20.462	ug/L	96
6) Bromomethane	2.789	94	114890	21.629	ug/L	90
8) Chloroethane	2.936	64	104650	21.213	ug/L	99
9) Trichlorofluoromethane	3.265	101	117555	16.279	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	113597	17.485	ug/L	97
12) 1,1-Dichloroethene	4.045	96	104169	17.569	ug/L	81
13) Acetone	4.118	43	52921	28.916	ug/L	96
14) Carbon disulfide	4.399	76	340679	17.595	ug/L	99
15) Methyl Acetate	4.667	43	40948	18.112	ug/L	99
16) Methylene chloride	4.917	84	115954	17.356	ug/L	100
17) trans-1,2-Dichloroethene	5.429	96	116518	18.212	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	168405	18.807	ug/L	99
19) 1,1-Dichloroethane	6.222	63	225688	18.980	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	136091	19.943	ug/L	97
22) 2-Butanone	7.167	43	64865	32.880	ug/L	100
23) Bromochloromethane	7.514	128	59720	20.004	ug/L #	87
25) Chloroform	7.673	83	248327	19.542	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.398	62	160137	19.102	ug/L		99
29) Cyclohexane	7.959	56	182875	17.747	ug/L		99
30) 1,1,1-Trichloroethane	7.874	97	197888	17.610	ug/L		98
31) Carbon tetrachloride	8.069	117	172161	17.153	ug/L		99
33) Benzene	8.325	78	508015	18.442	ug/L		100
34) Trichloroethene	9.087	95	129945	16.956	ug/L		92
35) Methylcyclohexane	9.331	83	211606	17.545	ug/L		99
37) 1,2-Dichloropropane	9.367	63	129366	18.803	ug/L		100
38) Bromodichloromethane	9.642	83	173031	18.903	ug/L		95
39) cis-1,3-Dichloropropene	10.069	75	224188	21.603	ug/L		97
40) 4-Methyl-2-pentanone	10.209	43	140046	42.371	ug/L		99
42) Toluene	10.386	91	578649	19.690	ug/L		93
44) trans-1,3-Dichloropropene	10.605	75	169902	19.483	ug/L		100
45) 1,1,2-Trichloroethane	10.782	97	96866	19.481	ug/L		96
46) Tetrachloroethene	10.861	164	100619	17.801	ug/L		95
48) 2-Hexanone	10.965	43	94143	34.830	ug/L		99
49) Dibromochloromethane	11.129	129	107139	19.311	ug/L		99
50) 1,2-Dibromoethane	11.233	107	86732	18.693	ug/L	#	98
51) Chlorobenzene	11.654	112	341875	18.071	ug/L		97
52) Ethylbenzene	11.727	91	616771	18.392	ug/L		99
53) m,p-Xylene	11.837	106	227348	18.096	ug/L		89
54) o-Xylene	12.160	106	218800	18.838	ug/L		86
55) Styrene	12.178	104	379586	19.117	ug/L		97
57) 1,1,2,2-Tetrachloroethane	12.708	83	105356	18.789	ug/L		98
59) Bromoform	12.349	173	52881	16.910	ug/L		99
60) Isopropylbenzene	12.458	105	591217	17.152	ug/L		100
61) 1,2,3-Trichloropropane	12.763	75	71880	16.596	ug/L		98
62) 1,3,5-Trimethylbenzene	12.940	105	484463	17.815	ug/L		99
63) 1,2,4-Trimethylbenzene	13.245	105	483929	18.175	ug/L		100
64) 1,3-Dichlorobenzene	13.495	146	265696	17.709	ug/L		96
65) 1,4-Dichlorobenzene	13.574	146	277893	17.938	ug/L		99
67) 1,2-Dichlorobenzene	13.861	146	243884	18.472	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.476	75	18411	19.064	ug/L		96
69) 1,3,5-Trichlorobenzene	14.623	180	190682	19.273	ug/L		91
70) 1,2,4-trichlorobenzene	15.123	180	149077	18.717	ug/L		99
71) Naphthalene	15.360	128	266638	19.377	ug/L		100
72) 1,2,3-Trichlorobenzene	15.549	180	133733	19.368	ug/L		98

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

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