Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
Data File : VW030894.D
Acq On : 01 Nov 2024 18:35
Operator : SY/MD
Sample : P4586-04MSD
Misc : 5.42g/10mL/MSVOA_W/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A4EE9MSD

Quant Time: Nov 04 00:55:57 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	643929	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	524978	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	232290	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	186778	18.453	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.800%			
7) Chloroethane-d5	2.899	69	156067	20.370	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.480%			
11) 1,1-Dichloroethene-d2	4.021	65	79031	18.773	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.080%			
21) 2-Butanone-d5	7.075	46	55649	30.551	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 61.100%			
24) Chloroform-d	7.648	84	383756	20.839	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.360%			
26) 1,2-Dichloroethane-d4	8.301	65	187089	19.538	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.160%			
32) Benzene-d6	8.276	84	720654	23.652	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.600%			
36) 1,2-Dichloropropane-d6	9.270	67	215334	24.078	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.320%			
41) Toluene-d8	10.319	98	636666	22.889	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.560%			
43) trans-1,3-Dichloroprop...	10.575	79	77725	20.755	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.040%			
47) 2-Hexanone-d5	10.922	63	44010	38.207	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.420%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	139922	21.304	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 85.200%			
66) 1,2-Dichlorobenzene-d4	13.849	152	177135	22.537	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 90.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	127058	15.444	ug/L	93
3) Chloromethane	2.223	50	169370	17.713	ug/L	99
5) Vinyl chloride	2.375	62	189599	16.124	ug/L	99
6) Bromomethane	2.790	94	122141	15.781	ug/L	98
8) Chloroethane	2.936	64	119672	16.648	ug/L	99
9) Trichlorofluoromethane	3.265	101	174499	16.585	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	150682	15.918	ug/L	99
12) 1,1-Dichloroethene	4.045	96	143598	16.621	ug/L	97
13) Acetone	4.119	43	52358	19.634	ug/L	96
14) Carbon disulfide	4.393	76	440165	15.602	ug/L	99
15) Methyl Acetate	4.667	43	46806	14.209	ug/L	98
16) Methylene chloride	4.917	84	157330	16.162	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	159316	17.090	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	237345	18.191	ug/L	97
19) 1,1-Dichloroethane	6.216	63	300175	17.325	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	171159	17.213	ug/L	98
22) 2-Butanone	7.167	43	68349	23.777	ug/L	99
23) Bromochloromethane	7.514	128	73692	16.941	ug/L	97
25) Chloroform	7.679	83	315741	17.053	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	191283	15.660	ug/L	100
29) Cyclohexane	7.953	56	242427	18.970	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	250904	18.004	ug/L	99
31) Carbon tetrachloride	8.063	117	220833	17.742	ug/L	98
33) Benzene	8.325	78	668087	19.556	ug/L	100
34) Trichloroethene	9.093	95	172013	18.098	ug/L	98
35) Methylcyclohexane	9.331	83	270289	18.070	ug/L	99
37) 1,2-Dichloropropane	9.368	63	166666	19.533	ug/L	100
38) Bromodichloromethane	9.642	83	215336	18.969	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	237679	18.468	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	139656	34.070	ug/L	98
42) Toluene	10.386	91	687580	18.865	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	196905	18.207	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	112217	18.198	ug/L	97
46) Tetrachloroethene	10.861	164	119693	17.075	ug/L	97
48) 2-Hexanone	10.965	43	96013	28.642	ug/L	100
49) Dibromochloromethane	11.123	129	125096	18.181	ug/L	90
50) 1,2-Dibromoethane	11.233	107	102202	17.762	ug/L	95
51) Chlorobenzene	11.654	112	424797	18.106	ug/L	98
52) Ethylbenzene	11.727	91	721445	17.347	ug/L	98
53) m,p-Xylene	11.837	106	267163	17.147	ug/L	95
54) o-Xylene	12.160	106	265725	18.447	ug/L	93
55) Styrene	12.178	104	442490	17.969	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	123914	17.819	ug/L	98
59) Bromoform	12.349	173	66234	20.295	ug/L	99
60) Isopropylbenzene	12.459	105	677701	18.839	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	87029	19.254	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	547907	19.306	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	519267	18.687	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	277784	17.740	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	283747	17.550	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	258501	18.761	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	18321	18.178	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	162683	15.755	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	134280	16.154	ug/L	99
71) Naphthalene	15.360	128	255803	17.812	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	117868	16.357	ug/L	100

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

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