

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
 Data File : VW030893.D
 Acq On : 01 Nov 2024 18:11
 Operator : SY/MD
 Sample : P4586-03MS
 Misc : 5.34g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4EE9MS

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/04/2024
 Supervised By :Mahesh Dadoda 11/05/2024

Quant Time: Nov 04 00:55:48 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	549226	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	457525	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	198692	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	202431	23.448	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.800%		
7) Chloroethane-d5	2.905	69	173922	26.615	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	106.440%		
11) 1,1-Dichloroethene-d2	4.021	65	87132	24.266	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	97.080%		
21) 2-Butanone-d5	7.081	46	67535	43.470	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.940%		
24) Chloroform-d	7.648	84	408936	26.036	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.160%		
26) 1,2-Dichloroethane-d4	8.307	65	209404	25.639	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.560%		
32) Benzene-d6	8.270	84	759851	28.615	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	114.440%		
36) 1,2-Dichloropropane-d6	9.270	67	230517	29.576	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	118.320%		
41) Toluene-d8	10.319	98	644011	26.567	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	106.280%		
43) trans-1,3-Dichloroprop...	10.575	79	87577	26.834	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	107.320%		
47) 2-Hexanone-d5	10.922	63	55258	55.045	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.100%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	159383	27.845	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	111.400%		
66) 1,2-Dichlorobenzene-d4	13.848	152	189535	28.192	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	112.760%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	127470m	18.166	ug/L	
3) Chloromethane	2.229	50	146335	17.943	ug/L	97
5) Vinyl chloride	2.375	62	165058	16.457	ug/L	96
6) Bromomethane	2.789	94	105319	15.954	ug/L	96
8) Chloroethane	2.942	64	103080	16.813	ug/L	94
9) Trichlorofluoromethane	3.271	101	139635	15.560	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	124970	15.478	ug/L	98
12) 1,1-Dichloroethene	4.045	96	124004m	16.828	ug/L	
13) Acetone	4.125	43	45724	20.103	ug/L	96
14) Carbon disulfide	4.387	76	360411	14.978	ug/L	99
15) Methyl Acetate	4.667	43	42862m	15.255	ug/L	
16) Methylene chloride	4.923	84	130478	15.714	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	129011	16.225	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	204333	18.362	ug/L	98
19) 1,1-Dichloroethane	6.222	63	253168	17.131	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	144758	17.069	ug/L	98
22) 2-Butanone	7.167	43	61853	25.228	ug/L	97
23) Bromochloromethane	7.514	128	62787	16.923	ug/L	99
25) Chloroform	7.679	83	265483	16.811	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	167031	16.032	ug/L	100
29) Cyclohexane	7.959	56	188848	16.956	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	205235	16.898	ug/L	98
31) Carbon tetrachloride	8.069	117	177546	16.367	ug/L	100
33) Benzene	8.319	78	549468	18.455	ug/L	100
34) Trichloroethene	9.093	95	133415	16.107	ug/L	98
35) Methylcyclohexane	9.337	83	207481	15.916	ug/L	99
37) 1,2-Dichloropropane	9.368	63	135921	18.279	ug/L	100
38) Bromodichloromethane	9.642	83	177947	17.986	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	202968	18.096	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	130311	36.477	ug/L	100
42) Toluene	10.386	91	531319	16.727	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	166550	17.670	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	97180	18.082	ug/L	97
46) Tetrachloroethene	10.861	164	85616	14.014	ug/L	96
48) 2-Hexanone	10.965	43	91564	31.342	ug/L	98
49) Dibromochloromethane	11.129	129	105585	17.607	ug/L	100
50) 1,2-Dibromoethane	11.233	107	87711	17.491	ug/L	83
51) Chlorobenzene	11.654	112	322543	15.774	ug/L	98
52) Ethylbenzene	11.727	91	519250	14.326	ug/L	98
53) m,p-Xylene	11.837	106	198181	14.595	ug/L	99
54) o-Xylene	12.160	106	196066	15.618	ug/L	96
55) Styrene	12.178	104	351630	16.385	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.708	83	108484	17.900	ug/L	98
59) Bromoform	12.343	173	56679	20.304	ug/L	98
60) Isopropylbenzene	12.458	105	461838	15.009	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	77726	20.103	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	361549	14.894	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	378671	15.932	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	217069	16.207	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	228727	16.539	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	214649	18.213	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.476	75	16380	19.000	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	132284	14.978	ug/L	93
70) 1,2,4-trichlorobenzene	15.123	180	108692	15.287	ug/L	97
71) Naphthalene	15.360	128	227673	18.534	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	106204	17.230	ug/L	95

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

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