

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110124\
 Data File : VW030882.D
 Acq On : 01 Nov 2024 13:14
 Operator : SY/MD
 Sample : P4585-01DL 2X
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 04 00:54:32 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	388510	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	372013	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	181433	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	97933	16.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.160%
7) Chloroethane-d5	2.899	69	85899	18.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.320%
11) 1,1-Dichloroethene-d2	4.149	65	701	0.276	ug/L	0.13
Spiked Amount	25.000	Range	45 - 110	Recovery	=	1.120%#
21) 2-Butanone-d5	7.087	46	54769	49.836	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.680%
24) Chloroform-d	7.648	84	243626	21.927	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.720%
26) 1,2-Dichloroethane-d4	8.307	65	126092	21.825	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.280%
32) Benzene-d6	8.276	84	392762	18.191	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.760%
36) 1,2-Dichloropropane-d6	9.270	67	127686	20.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.600%
41) Toluene-d8	10.325	98	366686	18.603	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	10.575	79	53287	20.081	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.320%
47) 2-Hexanone-d5	10.922	63	45665	55.945	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.900%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	114198	24.537	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	129464	21.089	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.360%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.045	96	96558	18.524	ug/L	99
13) Acetone	4.143	43	41238	25.630	ug/L	96
16) Methylene chloride	4.923	84	219490	37.370	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	77610	13.798	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	160495	20.388	ug/L	99
19) 1,1-Dichloroethane	6.216	63	428706	41.010	ug/L	99
22) 2-Butanone	7.179	43	157617	90.881	ug/L	97
25) Chloroform	7.679	83	464813	41.608	ug/L	97
31) Carbon tetrachloride	8.069	117	63707	7.223	ug/L	94
33) Benzene	8.325	78	711625	29.395	ug/L	100
34) Trichloroethene	9.093	95	276676	41.080	ug/L	93
37) 1,2-Dichloropropane	9.367	63	101075	16.717	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	259315	28.434	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	218575	75.249	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	253432	33.069	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	103936	23.785	ug/L	98
48) 2-Hexanone	10.922	43	6173	2.599	ug/L #	70
50) 1,2-Dibromoethane	11.233	107	89272	21.894	ug/L	98
53) m,p-Xylene	11.837	106	237030	21.468	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

54) o-Xylene	12.160	106	302224	29.608	ug/L	99
55) Styrene	12.160	104	16169	0.927	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	12.714	83	122299	24.818	ug/L	99
59) Bromoform	12.349	173	23713	9.303	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	136010	38.524	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	213430	17.451	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	219979	17.420	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.482	75	8718	11.075	ug/L	91
69) 1,3,5-Trichlorobenzene	15.129	180	62473	7.746	ug/L	90
70) 1,2,4-trichlorobenzene	15.129	180	62473	9.622	ug/L	94
71) Naphthalene	15.360	128	431711	38.487	ug/L	100

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

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