

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112524\
 Data File : VW031106.D
 Acq On : 25 Nov 2024 16:05
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025577

Quant Time: Nov 26 05:02:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 26 05:01:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	417095	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	394884	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	202263	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	120019	23.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.400%
7) Chloroethane-d5	2.899	69	100934	25.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	4.021	65	54054	21.514	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.040%
21) 2-Butanone-d5	7.069	46	52339	44.706	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.420%
24) Chloroform-d	7.648	84	267777	23.634	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.520%
26) 1,2-Dichloroethane-d4	8.301	65	130981	23.661	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.640%
32) Benzene-d6	8.270	84	519402	23.226	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.920%
36) 1,2-Dichloropropane-d6	9.270	67	151627	22.995	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.960%
41) Toluene-d8	10.319	98	477943	23.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.840%
43) trans-1,3-Dichloroprop...	10.575	79	62712	22.845	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.360%
47) 2-Hexanone-d5	10.922	63	43434	45.831	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115972	23.092	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.360%
66) 1,2-Dichlorobenzene-d4	13.848	152	148586	21.019	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	105938	21.424	ug/L	96
3) Chloromethane	2.222	50	141093	23.210	ug/L	99
5) Vinyl chloride	2.375	62	165699	26.434	ug/L	96
6) Bromomethane	2.789	94	112293	25.655	ug/L	93
8) Chloroethane	2.936	64	103615	27.558	ug/L	99
9) Trichlorofluoromethane	3.265	101	157175	18.128	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	137828	23.494	ug/L	90
12) 1,1-Dichloroethene	4.045	96	131678	23.038	ug/L	99
13) Acetone	4.118	43	67884	39.063	ug/L	100
14) Carbon disulfide	4.381	76	440836	23.796	ug/L	97
15) Methyl Acetate	4.673	43	55877	24.772	ug/L	97
16) Methylene chloride	4.917	84	145395	24.350	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	150040	24.200	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	218625	24.470	ug/L	100
19) 1,1-Dichloroethane	6.216	63	273517	25.174	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	162621	24.860	ug/L	91
22) 2-Butanone	7.161	43	82633	43.971	ug/L	97
23) Bromochloromethane	7.508	128	72893	24.870	ug/L	98
25) Chloroform	7.673	83	288488	25.403	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	176645	26.100	ug/L	97
29) Cyclohexane	7.953	56	209984	22.734	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	226389	23.635	ug/L	99
31) Carbon tetrachloride	8.069	117	201831	23.173	ug/L	99
33) Benzene	8.319	78	618267	24.461	ug/L	100
34) Trichloroethene	9.087	95	161587	23.599	ug/L	98
35) Methylcyclohexane	9.331	83	251220	22.832	ug/L	97
37) 1,2-Dichloropropane	9.367	63	159061	25.240	ug/L	100
38) Bromodichloromethane	9.642	83	199955	25.210	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	235961	24.843	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	152339	51.374	ug/L	98
42) Toluene	10.386	91	664086	24.878	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	193607	25.243	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	115162	25.123	ug/L	97
46) Tetrachloroethene	10.861	164	125023	22.833	ug/L	91
48) 2-Hexanone	10.965	43	113442	48.387	ug/L	95
49) Dibromochloromethane	11.123	129	125970	24.710	ug/L	97
50) 1,2-Dibromoethane	11.233	107	107833	24.720	ug/L	89
51) Chlorobenzene	11.654	112	421468	24.143	ug/L	96
52) Ethylbenzene	11.727	91	731114	24.428	ug/L	98
53) m,p-Xylene	11.837	106	278439	24.375	ug/L	93
54) o-Xylene	12.160	106	274258	25.547	ug/L	94
55) Styrene	12.178	104	477118	26.115	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	131394	25.698	ug/L	92
59) Bromoform	12.343	173	71987	23.781	ug/L	98
60) Isopropylbenzene	12.458	105	713456	24.210	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	91358	24.674	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	591351	25.439	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	587479	25.621	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	320018	23.811	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	333664	23.860	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	285794	23.722	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	19379	23.945	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	209529	22.806	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	167746	22.831	ug/L	98
71) Naphthalene	15.360	128	315508	25.399	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	159303	24.360	ug/L	100

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

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