

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110123\
 Data File : VW027502.D
 Acq On : 01 Nov 2023 15:06
 Operator : SY/MD
 Sample : 05205-05MS
 Misc : 4.49g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GCDG8MS

Quant Time: Nov 02 03:36:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 02 03:33:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	573158	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	546231	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	295264	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	108031	12.350	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.400%
7) Chloroethane-d5	2.899	69	98260	15.644	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.560%
11) 1,1-Dichloroethene-d2	4.021	65	59195	13.506	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.040%
21) 2-Butanone-d5	7.081	46	153928	52.944	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.880%
24) Chloroform-d	7.654	84	313961	18.379	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.520%
26) 1,2-Dichloroethane-d4	8.307	65	180665	19.688	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.760%
32) Benzene-d6	8.276	84	574680	15.550	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	62.200%
36) 1,2-Dichloropropane-d6	9.276	67	206151	18.263	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	73.040%
41) Toluene-d8	10.325	98	505771	15.092	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.360%
43) trans-1,3-Dichloroprop...	10.575	79	81940	15.921	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	63.680%
47) 2-Hexanone-d5	10.922	63	120914	51.774	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	215916	25.638	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	194334	18.162	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.640%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	77089	11.304	ug/L	94
3) Chloromethane	2.222	50	98955	12.626	ug/L	97
5) Vinyl chloride	2.375	62	115065	13.144	ug/L	97
6) Bromomethane	2.789	94	63579	12.751	ug/L	98
8) Chloroethane	2.930	64	68645	13.622	ug/L	98
9) Trichlorofluoromethane	3.265	101	81618	13.215	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	99337	12.845	ug/L #	74
12) 1,1-Dichloroethene	4.045	96	98522	13.109	ug/L	94
13) Acetone	4.131	43	59241	23.591	ug/L	99
14) Carbon disulfide	4.393	76	237590	10.197	ug/L	98
15) Methyl Acetate	4.679	43	70634	16.469	ug/L	99
16) Methylene chloride	4.923	84	130506	12.439	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	104376	12.922	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	226001	16.217	ug/L	99
19) 1,1-Dichloroethane	6.222	63	240361	14.585	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	129453	14.192	ug/L	98
22) 2-Butanone	7.173	43	97640	25.977	ug/L	99
23) Bromochloromethane	7.514	128	57566	15.286	ug/L	89
25) Chloroform	7.679	83	231364	15.000	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	169877	16.214	ug/L	96
29) Cyclohexane	7.959	56	191429	11.542	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	176024	13.211	ug/L	98
31) Carbon tetrachloride	8.069	117	147729	12.296	ug/L	99
33) Benzene	8.325	78	485784	13.608	ug/L	100
34) Trichloroethene	9.093	95	124182	13.169	ug/L	97
35) Methylcyclohexane	9.337	83	195743	11.608	ug/L	99
37) 1,2-Dichloropropane	9.367	63	146055	15.132	ug/L	99
38) Bromodichloromethane	9.642	83	171302	14.433	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	223137	13.995	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	242436	36.522	ug/L	98
42) Toluene	10.386	91	520130	13.889	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	189819	14.109	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	109743	16.522	ug/L	95
46) Tetrachloroethene	10.861	164	319744	49.107	ug/L	95
48) 2-Hexanone	10.965	43	165923	33.772	ug/L	99
49) Dibromochloromethane	11.129	129	107483	14.571	ug/L	99
50) 1,2-Dibromoethane	11.233	107	99865	15.507	ug/L	100
51) Chlorobenzene	11.654	112	332576	14.182	ug/L	99
52) Ethylbenzene	11.727	91	597283	13.725	ug/L	96
53) m,p-Xylene	11.836	106	219915	13.324	ug/L	99
54) o-Xylene	12.166	106	216176	13.677	ug/L	97
55) Styrene	12.178	104	366398	13.573	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	149660	18.457	ug/L	99
59) Bromoform	12.349	173	62793	14.292	ug/L	98
60) Isopropylbenzene	12.458	105	590869	12.739	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	108092	16.766	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	488421	12.624	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	488011	12.891	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	257449	13.687	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	259301	13.804	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	236552	14.173	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	23573	14.630	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	157141	12.869	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	132052	12.706	ug/L	98
71) Naphthalene	15.360	128	320057	14.975	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	121048	14.164	ug/L	93

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

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