

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060823\
 Data File : VW026149.D
 Acq On : 08 Jun 2023 22:18
 Operator : SY/MD
 Sample : 03101-04MS
 Misc : 6.12g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EZEL8MS

Quant Time: Jun 09 01:39:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 01:33:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	972652	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	838730	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	348983	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	276514	20.208	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.840%
7) Chloroethane-d5	2.899	69	251230	24.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.120%
11) 1,1-Dichloroethene-d2	4.027	65	145633	21.585	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.320%
21) 2-Butanone-d5	7.075	46	184071	46.207	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.420%
24) Chloroform-d	7.648	84	643886	22.606	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.440%
26) 1,2-Dichloroethane-d4	8.307	65	402292	25.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.320%
32) Benzene-d6	8.276	84	1258544	22.300	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	9.270	67	418404	23.401	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	10.318	98	1058731	21.153	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	10.574	79	151943	21.445	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.800%
47) 2-Hexanone-d5	10.922	63	136445	48.397	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.800%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	375488	28.859	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	294416	22.041	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	245664	20.603	ug/L	95
3) Chloromethane	2.228	50	293540	19.200	ug/L	96
5) Vinyl chloride	2.381	62	332406	20.340	ug/L	100
6) Bromomethane	2.783	94	155708	17.478	ug/L	94
8) Chloroethane	2.930	64	207699	23.519	ug/L	96
9) Trichlorofluoromethane	3.265	101	216299	20.573	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	266355	20.077	ug/L	97
12) 1,1-Dichloroethene	4.045	96	255135	20.602	ug/L	94
13) Acetone	4.118	43	158412	51.392	ug/L	98
14) Carbon disulfide	4.393	76	532951	12.191	ug/L	99
15) Methyl Acetate	4.673	43	157999	22.839	ug/L	98
16) Methylene chloride	4.923	84	292603	18.848	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	275101	19.799	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	564865	25.795	ug/L	99
19) 1,1-Dichloroethane	6.216	63	597336	21.117	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	313434	21.296	ug/L	98
22) 2-Butanone	7.167	43	287047	65.282	ug/L	93
23) Bromochloromethane	7.514	128	142329	22.676	ug/L	98
25) Chloroform	7.673	83	566851	21.515	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	436817	24.039	ug/L	99
29) Cyclohexane	7.959	56	509675	19.683	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	432745	21.261	ug/L	100
31) Carbon tetrachloride	8.069	117	367551	19.789	ug/L	97
33) Benzene	8.325	78	1207549	21.017	ug/L	100
34) Trichloroethene	9.093	95	297286	20.207	ug/L	94
35) Methylcyclohexane	9.337	83	467603	17.962	ug/L	99
37) 1,2-Dichloropropane	9.367	63	346586	22.271	ug/L	100
38) Bromodichloromethane	9.642	83	388815	21.505	ug/L	98
39) cis-1,3-Dichloropropene	10.068	75	443483	19.392	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	579135	63.121	ug/L	100
42) Toluene	10.386	91	1210781	20.603	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	395827	20.776	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	254326	24.797	ug/L	98
46) Tetrachloroethene	10.861	164	191141	18.368	ug/L	90
48) 2-Hexanone	10.965	43	430937	66.614	ug/L	90
49) Dibromochloromethane	11.129	129	242615	22.562	ug/L	97
50) 1,2-Dibromoethane	11.233	107	235841	24.834	ug/L	98
51) Chlorobenzene	11.654	112	721276	19.586	ug/L	99
52) Ethylbenzene	11.727	91	1339529	20.206	ug/L	100
53) m,p-Xylene	11.836	106	480696	19.492	ug/L	99
54) o-Xylene	12.160	106	474027	20.365	ug/L	98
55) Styrene	12.178	104	732835	18.352	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	328647	26.477	ug/L	97
59) Bromoform	12.349	173	140769	26.856	ug/L	98
60) Isopropylbenzene	12.458	105	1236811	22.560	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	254082	32.503	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	976831	22.414	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	905842	22.693	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	471935	20.474	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	467701	20.153	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	427602	20.658	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	58333	32.208	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	255678	16.147	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	214908	16.448	ug/L	95
71) Naphthalene	15.360	128	592496	25.444	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	174814	15.309	ug/L	98

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

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