

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026482.D
 Acq On : 30 Jun 2023 19:06
 Operator : SY/MD
 Sample : 03478-03MSD
 Misc : 5.53g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 YBW57MSD

Quant Time: Jun 30 23:44:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 23:38:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	910483	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	752871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	309724	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	252247	24.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.320%
7) Chloroethane-d5	2.893	69	198238	23.484	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.920%
11) 1,1-Dichloroethene-d2	4.021	65	120186	23.171	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.680%
21) 2-Butanone-d5	7.075	46	162055	41.364	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.720%
24) Chloroform-d	7.673	84	61007	2.749	ug/L	0.02
Spiked Amount	25.000	Range	40 - 150	Recovery	=	11.000%#
26) 1,2-Dichloroethane-d4	8.307	65	291323	24.016	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.080%
32) Benzene-d6	8.270	84	1069055	24.416	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.680%
36) 1,2-Dichloropropane-d6	9.276	67	352819	25.282	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.120%
41) Toluene-d8	10.319	98	906565	23.439	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.760%
43) trans-1,3-Dichloroprop...	10.575	79	126160	22.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.720%
47) 2-Hexanone-d5	10.922	63	88513	37.926	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.860%
56) 1,1,2,2-Tetrachloroeth...	0.000	84	0d	0.000	ug/L	
Spiked Amount	25.000	Range	45 - 120	Recovery	=	0.000%#
66) 1,2-Dichlorobenzene-d4	13.848	152	245904	22.801	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	215289	24.232	ug/L	99
3) Chloromethane	2.229	50	308535	24.636	ug/L	98
5) Vinyl chloride	2.375	62	291402	22.576	ug/L	99
6) Bromomethane	2.783	94	158353	21.573	ug/L	97
8) Chloroethane	2.930	64	171533	21.912	ug/L	98
9) Trichlorofluoromethane	3.259	101	204819	21.823	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	235197	22.577	ug/L #	73
12) 1,1-Dichloroethene	4.045	96	256624	25.169	ug/L	90
13) Acetone	4.118	43	185305	66.955	ug/L	99
14) Carbon disulfide	4.393	76	646882	19.604	ug/L	99
16) Methylene chloride	4.917	84	276757	17.989	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	241217	21.993	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	463622	25.866	ug/L	99
19) 1,1-Dichloroethane	6.216	63	526152	23.841	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	277402	22.329	ug/L	98
22) 2-Butanone	7.167	43	257937	56.845	ug/L	96
23) Bromochloromethane	7.514	128	117194	22.682	ug/L	94
25) Chloroform	7.679	83	944072	44.073	ug/L	100
27) 1,2-Dichloroethane	8.398	62	331844	22.657	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	457674	21.444	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	378057	23.573	ug/L	98
31) Carbon tetrachloride	8.069	117	323600	22.411	ug/L	100
33) Benzene	8.325	78	1085075	23.015	ug/L	100
34) Trichloroethene	9.093	95	572025	47.629	ug/L	96
35) Methylcyclohexane	9.337	83	422369	19.741	ug/L	99
37) 1,2-Dichloropropane	9.368	63	298980	23.888	ug/L	100
38) Bromodichloromethane	9.642	83	322288	22.942	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	418417	22.336	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	476127	55.405	ug/L	98
42) Toluene	10.386	91	1067834	22.138	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	338301	22.097	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	177953	20.872	ug/L	99
46) Tetrachloroethene	10.861	164	177008	20.846	ug/L	90
48) 2-Hexanone	10.965	43	367288	63.676	ug/L	98
49) Dibromochloromethane	11.129	129	199043	23.439	ug/L	97
50) 1,2-Dibromoethane	11.233	107	186139	23.743	ug/L	98
51) Chlorobenzene	11.654	112	629860	21.105	ug/L	99
52) Ethylbenzene	11.727	91	1168629	21.530	ug/L	99
53) m,p-Xylene	11.837	106	429008	21.315	ug/L	99
54) o-Xylene	12.166	106	414650	22.213	ug/L	93
55) Styrene	12.178	104	688410	21.605	ug/L	99
59) Bromoform	12.349	173	113031	27.561	ug/L	96
60) Isopropylbenzene	12.458	105	1125872	24.922	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	197557	29.183	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	876499	24.399	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	866552	24.692	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	400909	21.152	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	401727	21.311	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	373606	21.782	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	36674	23.641	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	226017	17.517	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	178888	16.019	ug/L	99
71) Naphthalene	15.360	128	491726	21.602	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	155135	16.154	ug/L	98

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

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