

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW053023\
 Data File : VW026089.D
 Acq On : 30 May 2023 15:17
 Operator : SY/MD
 Sample : 02960-06MSD
 Misc : 5.64g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0FN8MSD

Quant Time: May 31 02:10:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 31 01:56:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	1080865	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	944631	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	461939	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	352253	23.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.680%
7) Chloroethane-d5	2.893	69	249682	21.936	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.760%
11) 1,1-Dichloroethene-d2	4.021	65	170407	22.728	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.920%
21) 2-Butanone-d5	7.075	46	221758	50.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.180%
24) Chloroform-d	7.648	84	690849	21.827	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.320%
26) 1,2-Dichloroethane-d4	8.301	65	392987	22.706	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.840%
32) Benzene-d6	8.276	84	1409477	22.175	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.680%
36) 1,2-Dichloropropane-d6	9.270	67	454322	22.561	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.240%
41) Toluene-d8	10.319	98	1252804	22.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.880%
43) trans-1,3-Dichloroprop...	10.575	79	177560	22.251	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.000%
47) 2-Hexanone-d5	10.922	63	158200	49.823	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.640%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	348851	23.806	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.240%
66) 1,2-Dichlorobenzene-d4	13.849	152	369476	20.897	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	278471	21.017	ug/L	100
3) Chloromethane	2.223	50	366123	21.550	ug/L	100
5) Vinyl chloride	2.375	62	380985	20.979	ug/L	98
6) Bromomethane	2.783	94	186784	18.867	ug/L	100
8) Chloroethane	2.930	64	194505	19.820	ug/L	98
9) Trichlorofluoromethane	3.265	101	239615	20.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	294626	19.985	ug/L	95
12) 1,1-Dichloroethene	4.045	96	282886	20.556	ug/L	89
13) Acetone	4.119	43	195806	57.163	ug/L	100
14) Carbon disulfide	4.387	76	967608	19.918	ug/L	98
15) Methyl Acetate	4.667	43	170454	22.172	ug/L	100
16) Methylene chloride	4.917	84	327377	18.977	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	304942	19.750	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	510873	20.993	ug/L	100
19) 1,1-Dichloroethane	6.216	63	617360	19.640	ug/L	100
20) cis-1,2-Dichloroethene	7.173	96	330856	20.230	ug/L	98
22) 2-Butanone	7.167	43	255977	52.387	ug/L	99
23) Bromochloromethane	7.514	128	138707	19.886	ug/L	95
25) Chloroform	7.673	83	568286	19.410	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	410739	20.341	ug/L	98
29) Cyclohexane	7.953	56	595943	20.434	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	457082	19.939	ug/L	100
31) Carbon tetrachloride	8.063	117	405336	19.377	ug/L	99
33) Benzene	8.325	78	1301097	20.107	ug/L	100
34) Trichloroethene	9.093	95	327574	19.769	ug/L	95
35) Methylcyclohexane	9.337	83	585405	19.966	ug/L	98
37) 1,2-Dichloropropane	9.368	63	353882	20.191	ug/L	99
38) Bromodichloromethane	9.642	83	411349	20.201	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	551030	21.394	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	491376	47.552	ug/L	99
42) Toluene	10.386	91	1327460	20.056	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	457363	21.314	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	236030	20.433	ug/L	100
46) Tetrachloroethene	10.867	164	217789	18.582	ug/L	96
48) 2-Hexanone	10.965	43	378090	51.892	ug/L	99
49) Dibromochloromethane	11.123	129	258178	21.317	ug/L	95
50) 1,2-Dibromoethane	11.233	107	223448	20.891	ug/L	93
51) Chlorobenzene	11.654	112	809937	19.528	ug/L	99
52) Ethylbenzene	11.727	91	1495746	20.033	ug/L	99
53) m,p-Xylene	11.837	106	546705	19.683	ug/L	99
54) o-Xylene	12.166	106	526480	20.083	ug/L	98
55) Styrene	12.178	104	890813	19.807	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.715	83	297670	21.293	ug/L	95
59) Bromoform	12.343	173	135379	19.512	ug/L	95
60) Isopropylbenzene	12.459	105	1432654	19.742	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	217031	20.975	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	1157213	20.060	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	1062779	20.115	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	601854	19.725	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	598052	19.469	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	516618	18.855	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	47260	19.714	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	360996	17.224	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	304554	17.610	ug/L	96
71) Naphthalene	15.360	128	651708	21.143	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	266853	17.655	ug/L	99

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

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