

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW061022\
 Data File : VW023448.D
 Acq On : 10 Jun 2022 15:52
 Operator : SY/VA
 Sample : N3226-22MSD
 Misc : 6.42g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4P0MSD

Quant Time: Jun 11 00:08:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 11 00:06:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	370380	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	314569	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	129094	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	168584	28.650	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.600%
7) Chloroethane-d5	2.879	69	138656	32.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.240%
11) 1,1-Dichloroethene-d2	4.025	63	198699	24.192	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.760%
21) 2-Butanone-d5	7.080	46	22987	19.133	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	38.260%
24) Chloroform-d	7.647	84	274650	26.938	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.760%
26) 1,2-Dichloroethane-d4	8.305	65	154689	28.171	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.680%
32) Benzene-d6	8.275	84	491071	29.442	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.760%
36) 1,2-Dichloropropane-d6	9.274	67	152620	31.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.240%#
41) Toluene-d8	10.323	98	431045	26.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.840%
43) trans-1,3-Dichloroprop...	10.579	79	48725	21.724	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.880%
47) 2-Hexanone-d5	10.920	63	20884	26.596	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.200%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	143907	31.355	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.440%#
66) 1,2-Dichlorobenzene-d4	13.853	152	120921	25.947	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	62791	46.494	ug/L	88
3) Chloromethane	2.215	50	127201	28.474	ug/L	99
5) Vinyl chloride	2.361	62	213526	30.668	ug/L	98
6) Bromomethane	2.776	94	79868	20.268	ug/L	95
8) Chloroethane	2.916	64	115221	31.239	ug/L	96
9) Trichlorofluoromethane	3.257	101	62440	19.885	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	113202	25.006	ug/L	97
12) 1,1-Dichloroethene	4.038	96	102986	25.536	ug/L	90
13) Acetone	4.117	43	27379	31.631	ug/L	97
14) Carbon disulfide	4.385	76	277899	22.400	ug/L	99
15) Methyl Acetate	4.678	43	26502	13.714	ug/L	99
16) Methylene chloride	4.915	84	130165	25.967	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	124809	26.139	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	217727	30.296	ug/L	98
19) 1,1-Dichloroethane	6.214	63	232224	27.151	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	134949	25.843	ug/L #	94
22) 2-Butanone	7.171	43	24199	18.265	ug/L	95
23) Bromochloromethane	7.513	128	66033	27.450	ug/L	97
25) Chloroform	7.677	83	255194	26.440	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	176724	27.685	ug/L	99
29) Cyclohexane	7.958	56	176049	27.786	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	207449	28.490	ug/L	98
31) Carbon tetrachloride	8.073	117	179510	26.760	ug/L	100
33) Benzene	8.323	78	535687	29.479	ug/L	100
34) Trichloroethene	9.091	95	128209	26.323	ug/L	99
35) Methylcyclohexane	9.335	83	196153	24.876	ug/L	98
37) 1,2-Dichloropropane	9.372	63	134058	30.188	ug/L	100
38) Bromodichloromethane	9.646	83	190769	30.543	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	141418	20.781	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	108962	43.019	ug/L	98
42) Toluene	10.390	91	570021	28.076	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	137801	22.441	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	109979	30.149	ug/L	97
46) Tetrachloroethene	10.859	164	81784	21.751	ug/L	89
48) 2-Hexanone	10.969	43	44499	25.996	ug/L	98
49) Dibromochloromethane	11.128	129	127841	29.925	ug/L	100
50) 1,2-Dibromoethane	11.231	107	97598	28.621	ug/L #	93
51) Chlorobenzene	11.658	112	330914	24.151	ug/L	95
52) Ethylbenzene	11.731	91	559524	24.248	ug/L	100
53) m,p-Xylene	11.835	106	219541	24.446	ug/L	97
54) o-Xylene	12.164	106	217756	25.373	ug/L	93
55) Styrene	12.176	104	258743	17.340	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	127911	28.875	ug/L	100
59) Bromoform	12.347	173	62885	34.270	ug/L	96
60) Isopropylbenzene	12.463	105	527402	28.541	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	96613	39.332	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	409660	27.107	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	406272	26.863	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	202356	24.685	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	205412	24.540	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	191986	25.569	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	19976	36.830	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.627	180	103932	19.403	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	76694	18.388	ug/L	99
71) Naphthalene	15.359	128	207729	25.317	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	67042	18.489	ug/L	97

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

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