

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041222\
 Data File : VW022509.D
 Acq On : 12 Apr 2022 15:58
 Operator : SY/VA
 Sample : N2316-24MSD
 Misc : 6.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETNS0MSD

Quant Time: Apr 12 23:33:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Apr 12 23:30:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	424636	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	413604	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	228464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	135522	14.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.760%
7) Chloroethane-d5	2.891	69	102190	17.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.480%
11) 1,1-Dichloroethene-d2	4.025	63	211837	17.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.600%
21) 2-Butanone-d5	7.074	46	87103	53.147	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.300%
24) Chloroform-d	7.653	84	278422	20.977	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.920%
26) 1,2-Dichloroethane-d4	8.305	65	155758	20.539	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.160%
32) Benzene-d6	8.275	84	479297	18.967	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.880%
36) 1,2-Dichloropropane-d6	9.274	67	151255	20.684	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.720%
41) Toluene-d8	10.323	98	456595	18.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.800%
43) trans-1,3-Dichloroprop...	10.579	79	68609	19.880	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.520%
47) 2-Hexanone-d5	10.920	63	75710	55.646	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.300%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	159953	25.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.880%
66) 1,2-Dichlorobenzene-d4	13.847	152	185322	22.901	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	59552	28.609	ug/L	99
3) Chloromethane	2.221	50	89601	17.265	ug/L	95
5) Vinyl chloride	2.367	62	211688	19.548	ug/L	91
6) Bromomethane	2.776	94	124420	18.900	ug/L	96
8) Chloroethane	2.922	64	102629	21.647	ug/L	98
9) Trichlorofluoromethane	3.257	101	91537	22.895	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	142805	22.431	ug/L	95
12) 1,1-Dichloroethene	4.037	96	132928	23.249	ug/L	92
13) Acetone	4.123	43	108756	97.462	ug/L	99
14) Carbon disulfide	4.385	76	387490	20.601	ug/L	97
15) Methyl Acetate	4.678	43	65505	23.393	ug/L	93
16) Methylene chloride	4.921	84	145686	22.800	ug/L	91
17) trans-1,2-Dichloroethene	5.421	96	149021	22.250	ug/L	95
18) Methyl tert-butyl Ether	5.427	73	258354	23.619	ug/L	96
19) 1,1-Dichloroethane	6.220	63	263647	21.573	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	169468	23.957	ug/L #	86
22) 2-Butanone	7.171	43	101225	60.062	ug/L	95
23) Bromochloromethane	7.519	128	75486	24.795	ug/L	90
25) Chloroform	7.677	83	295202	22.934	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	202657	22.401	ug/L	98
29) Cyclohexane	7.957	56	228231	19.280	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	248812	21.686	ug/L	97
31) Carbon tetrachloride	8.067	117	227678	22.110	ug/L	99
33) Benzene	8.323	78	1479902	52.701	ug/L	100
34) Trichloroethene	9.091	95	168945	22.470	ug/L	97
35) Methylcyclohexane	9.335	83	269704	19.993	ug/L	95
37) 1,2-Dichloropropane	9.372	63	146362	21.757	ug/L	98
38) Bromodichloromethane	9.646	83	219630	22.703	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	243527	22.813	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	205358	50.020	ug/L	97
42) Toluene	10.384	91	812559	25.252	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	221043	23.126	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	127148	24.765	ug/L	94
46) Tetrachloroethene	10.859	164	128133	23.184	ug/L	91
48) 2-Hexanone	10.969	43	163963	56.610	ug/L	97
49) Dibromochloromethane	11.128	129	156384	25.540	ug/L	96
50) 1,2-Dibromoethane	11.231	107	127441	25.138	ug/L	98
51) Chlorobenzene	11.658	112	2307752	117.362	ug/L	95
52) Ethylbenzene	11.731	91	797323	22.106	ug/L	92
53) m,p-Xylene	11.835	106	319795	23.319	ug/L	90
54) o-Xylene	12.164	106	309738	23.635	ug/L	94
55) Styrene	12.176	104	517381	23.108	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	159710	25.344	ug/L	97
59) Bromoform	12.347	173	86860	25.586	ug/L	99
60) Isopropylbenzene	12.463	105	839669	22.125	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	119263	24.540	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	467880	22.417	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	702273	22.127	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	353771	22.968	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	350198	22.798	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	340108	24.691	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	36729	32.586	ug/L	93
69) 1,3,5-Trichlorobenzene	14.621	180	231640	23.050	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	197026	23.345	ug/L	96
71) Naphthalene	15.359	128	439759	24.704	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	168924	23.416	ug/L	95

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

