

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050322\
 Data File : VW022770.D
 Acq On : 03 May 2022 14:25
 Operator : SY/VA
 Sample : N2639-12MS
 Misc : 5.03g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXL21MS

Quant Time: May 04 01:26:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 04 01:21:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	344134	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	345561	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	196546	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	135442	19.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.720%
7) Chloroethane-d5	2.885	69	102242	22.259	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.040%
11) 1,1-Dichloroethene-d2	4.025	63	179384	19.663	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.640%
21) 2-Butanone-d5	7.080	46	72944	54.338	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.680%
24) Chloroform-d	7.653	84	220466	21.867	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.480%
26) 1,2-Dichloroethane-d4	8.305	65	126205	22.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.280%
32) Benzene-d6	8.275	84	413754	20.773	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.080%
36) 1,2-Dichloropropane-d6	9.274	67	122276	21.855	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.400%
41) Toluene-d8	10.323	98	398915	20.733	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.920%
43) trans-1,3-Dichloroprop...	10.579	79	56868	22.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.280%
47) 2-Hexanone-d5	10.920	63	59841	56.027	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.060%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	137097	26.289	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.160%
66) 1,2-Dichlorobenzene-d4	13.853	152	149009	21.688	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	42985	22.913	ug/L	94
3) Chloromethane	2.221	50	75808	20.912	ug/L	97
5) Vinyl chloride	2.361	62	156080	21.453	ug/L	100
6) Bromomethane	2.776	94	99885	21.383	ug/L	95
8) Chloroethane	2.922	64	82804	23.597	ug/L	100
9) Trichlorofluoromethane	3.251	101	70150	21.096	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	107643	21.650	ug/L	98
12) 1,1-Dichloroethene	4.044	96	93174	21.139	ug/L	96
13) Acetone	4.123	43	65701	65.371	ug/L	98
14) Carbon disulfide	4.391	76	234180	19.380	ug/L	98
15) Methyl Acetate	4.672	43	54138	26.812	ug/L	99
16) Methylene chloride	4.922	84	107768	21.401	ug/L	98
17) trans-1,2-Dichloroethene	5.428	96	103458	20.858	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	185883	24.549	ug/L	99
19) 1,1-Dichloroethane	6.220	63	187801	22.340	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	118707	22.282	ug/L #	97
22) 2-Butanone	7.171	43	88646	63.068	ug/L	99
23) Bromochloromethane	7.513	128	56661	22.710	ug/L	92
25) Chloroform	7.677	83	217906	23.442	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	150547	24.296	ug/L	99
29) Cyclohexane	7.958	56	159640	21.361	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	180301	22.079	ug/L	99
31) Carbon tetrachloride	8.067	117	163227	21.368	ug/L	99
33) Benzene	8.323	78	444258	21.823	ug/L	100
34) Trichloroethene	9.091	95	120096	21.452	ug/L	97
35) Methylcyclohexane	9.335	83	193816	21.074	ug/L	97
37) 1,2-Dichloropropane	9.366	63	110331	22.396	ug/L	99
38) Bromodichloromethane	9.646	83	163741	23.401	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	180405	23.617	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	168066	54.126	ug/L	99
42) Toluene	10.384	91	508822	22.303	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	167070	24.504	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	101989	24.765	ug/L	94
46) Tetrachloroethene	10.859	164	94681	22.504	ug/L	86
48) 2-Hexanone	10.963	43	130194	62.754	ug/L	99
49) Dibromochloromethane	11.128	129	118024	23.812	ug/L	98
50) 1,2-Dibromoethane	11.231	107	102422	24.768	ug/L #	97
51) Chlorobenzene	11.658	112	334710	22.254	ug/L	98
52) Ethylbenzene	11.725	91	579755	22.842	ug/L	100
53) m,p-Xylene	11.835	106	227602	22.758	ug/L	89
54) o-Xylene	12.164	106	223889	23.329	ug/L	99
55) Styrene	12.176	104	395018	24.223	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	136093	26.458	ug/L	96
59) Bromoform	12.341	173	66471	23.864	ug/L	99
60) Isopropylbenzene	12.463	105	607322	22.555	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	99459	25.326	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	340201	22.710	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	508905	22.625	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	270152	22.472	ug/L	93
65) 1,4-Dichlorobenzene	13.572	146	280480	22.588	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	254716	23.154	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	22231	25.902	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	176722	22.146	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	147410	22.964	ug/L	96
71) Naphthalene	15.359	128	377598	27.065	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	136252	23.949	ug/L	98

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

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