

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050222\
 Data File : VW022758.D
 Acq On : 02 May 2022 22:41
 Operator : SY/VA
 Sample : N2638-11MSD
 Misc : 5.03g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EXL04MSD

Quant Time: May 03 01:47:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 03 01:41:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	332648	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	327267	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	177183	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	154563	22.647	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.600%
7) Chloroethane-d5	2.885	69	110246	24.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.320%
11) 1,1-Dichloroethene-d2	4.019	63	186901	21.195	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.760%
21) 2-Butanone-d5	7.080	46	72267	55.693	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.380%
24) Chloroform-d	7.647	84	236455	24.262	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.040%
26) 1,2-Dichloroethane-d4	8.305	65	137376	25.701	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	8.275	84	448496	23.776	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	9.274	67	133789	25.249	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.000%
41) Toluene-d8	10.323	98	438935	24.088	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.360%
43) trans-1,3-Dichloroprop...	10.573	79	60675	24.869	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.480%
47) 2-Hexanone-d5	10.920	63	61469	60.768	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.540%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	138936	28.131	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	154269	24.907	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	51155	28.210	ug/L	90
3) Chloromethane	2.215	50	79821	22.779	ug/L	99
5) Vinyl chloride	2.361	62	161310	22.938	ug/L	98
6) Bromomethane	2.776	94	100353	22.225	ug/L	91
8) Chloroethane	2.916	64	81562	24.046	ug/L	98
9) Trichlorofluoromethane	3.251	101	58612	18.235	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	101257	21.068	ug/L	96
12) 1,1-Dichloroethene	4.044	96	91780	21.542	ug/L	93
13) Acetone	4.123	43	66256	68.200	ug/L	99
14) Carbon disulfide	4.379	76	241932	20.713	ug/L	98
15) Methyl Acetate	4.665	43	53556	27.440	ug/L	99
16) Methylene chloride	4.921	84	113722	23.364	ug/L	98
17) trans-1,2-Dichloroethene	5.421	96	105507	22.006	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	183878	25.123	ug/L	99
19) 1,1-Dichloroethane	6.214	63	188202	23.161	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	118099	22.933	ug/L	# 100
22) 2-Butanone	7.171	43	81069	59.669	ug/L	98
23) Bromochloromethane	7.512	128	57205	23.720	ug/L	88
25) Chloroform	7.677	83	214466	23.869	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	149007	24.878	ug/L	100
29) Cyclohexane	7.958	56	154268	21.796	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	173247	22.401	ug/L	99
31) Carbon tetrachloride	8.067	117	156830	21.678	ug/L	99
33) Benzene	8.323	78	443433	23.000	ug/L	100
34) Trichloroethene	9.091	95	119975	22.628	ug/L	96
35) Methylcyclohexane	9.335	83	185840	21.336	ug/L	98
37) 1,2-Dichloropropane	9.366	63	110368	23.656	ug/L	100
38) Bromodichloromethane	9.640	83	159421	24.057	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	175882	24.312	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	162537	55.272	ug/L	99
42) Toluene	10.384	91	498324	23.064	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	160897	24.918	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	97443	24.984	ug/L	96
46) Tetrachloroethene	10.859	164	91394	22.937	ug/L	84
48) 2-Hexanone	10.963	43	126732	64.500	ug/L	97
49) Dibromochloromethane	11.128	129	118124	25.164	ug/L	95
50) 1,2-Dibromoethane	11.231	107	100961	25.779	ug/L	99
51) Chlorobenzene	11.652	112	321185	22.548	ug/L	96
52) Ethylbenzene	11.725	91	539606	22.448	ug/L	99
53) m,p-Xylene	11.835	106	215085	22.709	ug/L	98
54) o-Xylene	12.164	106	211239	23.242	ug/L	98
55) Styrene	12.176	104	377118	24.418	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	127594	26.192	ug/L	99
59) Bromoform	12.347	173	65456	26.068	ug/L	99
60) Isopropylbenzene	12.463	105	560794	23.103	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	97639	27.579	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	304995	22.585	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	465290	22.947	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	253330	23.376	ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	255418	22.818	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	241606	24.363	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	21443	27.714	ug/L	94
69) 1,3,5-Trichlorobenzene	14.621	180	158529	22.037	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	137397	23.744	ug/L	98
71) Naphthalene	15.359	128	352772	28.048	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	121322	23.655	ug/L	99

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

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