

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021970.D
 Acq On : 17 Jan 2022 13:22
 Operator : SY/VA
 Sample : N1129-04MS
 Misc : 5.96g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBLZ8MS

Quant Time: Jan 18 00:38:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 18 00:36:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	130716	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	103316	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	36317	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39358	16.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.800%
7) Chloroethane-d5	2.885	69	33273	15.166	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.680%
11) 1,1-Dichloroethene-d2	4.019	63	73939	19.277	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.120%
21) 2-Butanone-d5	7.080	46	15865	46.264	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.520%
24) Chloroform-d	7.653	84	92109	21.812	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.240%
26) 1,2-Dichloroethane-d4	8.305	65	43463	21.313	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.240%
32) Benzene-d6	8.281	84	166954	24.904	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	9.274	67	47226	26.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.920%
41) Toluene-d8	10.323	98	151412	22.405	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	10.579	79	15577	20.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.040%
47) 2-Hexanone-d5	10.921	63	12344	51.484	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.960%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31457	22.767	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	31290	20.954	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	10565	20.502	ug/L	94
3) Chloromethane	2.215	50	36897	19.748	ug/L	99
5) Vinyl chloride	2.361	62	55769	20.778	ug/L	100
6) Bromomethane	2.776	94	26756	14.098	ug/L	100
8) Chloroethane	2.922	64	29103	17.942	ug/L	99
9) Trichlorofluoromethane	3.257	101	42809	21.463	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	44801	20.636	ug/L	# 80
12) 1,1-Dichloroethene	4.038	96	42087	21.571	ug/L	77
13) Acetone	4.129	43	13273	46.849	ug/L	85
14) Carbon disulfide	4.385	76	98519	19.286	ug/L	98
15) Methyl Acetate	4.678	43	7051	12.314	ug/L	97
16) Methylene chloride	4.915	84	42316	18.916	ug/L	77
17) trans-1,2-Dichloroethene	5.428	96	44763	21.232	ug/L	79
18) Methyl tert-butyl Ether	5.428	73	66695	24.807	ug/L	# 90
19) 1,1-Dichloroethane	6.220	63	72894	23.576	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	47806	22.042	ug/L	68
22) 2-Butanone	7.171	43	18502	51.091	ug/L	80
23) Bromochloromethane	7.513	128	22798	21.125	ug/L	# 58
25) Chloroform	7.677	83	81009	22.144	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	47316	22.335	ug/L #	89
29) Cyclohexane	7.958	56	57103	24.706	ug/L #	76
30) 1,1,1-Trichloroethane	7.878	97	74319	27.752	ug/L #	92
31) Carbon tetrachloride	8.067	117	67970	26.192	ug/L	98
33) Benzene	8.323	78	169976	26.830	ug/L	100
34) Trichloroethene	9.092	95	46601	25.355	ug/L	91
35) Methylcyclohexane	9.335	83	56828	18.802	ug/L #	80
37) 1,2-Dichloropropane	9.366	63	38810	28.120	ug/L #	94
38) Bromodichloromethane	9.646	83	52564	27.283	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	49683	23.168	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	35352	54.528	ug/L #	87
42) Toluene	10.390	91	179991	25.332	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	39968	22.267	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	30286	25.846	ug/L	94
46) Tetrachloroethene	10.866	164	40188	22.112	ug/L	91
48) 2-Hexanone	10.969	43	23165	52.222	ug/L #	89
49) Dibromochloromethane	11.128	129	36319	24.599	ug/L	100
50) 1,2-Dibromoethane	11.231	107	27585	23.716	ug/L #	89
51) Chlorobenzene	11.658	112	105690	21.067	ug/L	89
52) Ethylbenzene	11.731	91	181584	23.005	ug/L	91
53) m,p-Xylene	11.835	106	76948	23.314	ug/L	82
54) o-Xylene	12.164	106	72160	23.550	ug/L	88
55) Styrene	12.182	104	93724	18.527	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.713	83	27587	21.881	ug/L #	98
59) Bromoform	12.347	173	16626	33.578	ug/L #	98
60) Isopropylbenzene	12.463	105	174823	35.350	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	20959	40.383	ug/L #	90
62) 1,3,5-Trimethylbenzene	12.938	105	132461	32.345	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	122286	30.276	ug/L	93
64) 1,3-Dichlorobenzene	13.499	146	53632	21.570	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	52954	21.569	ug/L	91
67) 1,2-Dichlorobenzene	13.865	146	45094	20.714	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	3093	30.860	ug/L #	47
69) 1,3,5-Trichlorobenzene	14.621	180	24463	13.237	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	13605	9.239	ug/L	94
71) Naphthalene	15.365	128	26670	11.741	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	10099	8.305	ug/L	97

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

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