

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011722\
 Data File : VW021971.D
 Acq On : 17 Jan 2022 13:46
 Operator : SY/VA
 Sample : N1129-05MSD
 Misc : 7.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBLZ8MSD

Quant Time: Jan 18 00:38:32 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	8.841	114	107179	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	84713	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	29619	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	31480	15.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.200%
7) Chloroethane-d5	2.885	69	26157	14.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.160%
11) 1,1-Dichloroethene-d2	4.019	63	58191	18.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.000%
21) 2-Butanone-d5	7.079	46	15424	54.855	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.720%
24) Chloroform-d	7.646	84	74157	21.417	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.680%
26) 1,2-Dichloroethane-d4	8.305	65	38541	23.050	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.200%
32) Benzene-d6	8.274	84	135456	24.643	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.560%
36) 1,2-Dichloropropane-d6	9.274	67	39251	27.092	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.360%
41) Toluene-d8	10.323	98	121478	21.923	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.680%
43) trans-1,3-Dichloroprop...	10.579	79	12970	21.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.320%
47) 2-Hexanone-d5	10.920	63	11221	57.078	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.160%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30223	26.677	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	24689	20.272	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	9383	22.207	ug/L	100
3) Chloromethane	2.215	50	33007	21.546	ug/L	99
5) Vinyl chloride	2.361	62	46340	21.057	ug/L	97
6) Bromomethane	2.781	94	22901	14.717	ug/L	99
8) Chloroethane	2.922	64	24842	18.678	ug/L	98
9) Trichlorofluoromethane	3.263	101	35007	21.405	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	37994	21.343	ug/L	90
12) 1,1-Dichloroethene	4.043	96	35050	21.909	ug/L	# 62
13) Acetone	4.129	43	11851	51.016	ug/L	86
14) Carbon disulfide	4.385	76	80304	19.173	ug/L	98
15) Methyl Acetate	4.671	43	7439	15.844	ug/L	# 83
16) Methylene chloride	4.921	84	38058	20.748	ug/L	# 75
17) trans-1,2-Dichloroethene	5.421	96	37669	21.791	ug/L	76
18) Methyl tert-butyl Ether	5.433	73	63212	28.675	ug/L	# 83
19) 1,1-Dichloroethane	6.220	63	61949	24.436	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	41690	23.443	ug/L	67
22) 2-Butanone	7.177	43	18132	61.064	ug/L	82
23) Bromochloromethane	7.512	128	20963	23.691	ug/L	# 64
25) Chloroform	7.677	83	71584	23.864	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	43962	25.309	ug/L #	95
29) Cyclohexane	7.957	56	47397	25.010	ug/L #	79
30) 1,1,1-Trichloroethane	7.872	97	62211	28.332	ug/L #	92
31) Carbon tetrachloride	8.073	117	56689	26.642	ug/L	99
33) Benzene	8.323	78	143780	27.679	ug/L	100
34) Trichloroethene	9.091	95	38430	25.500	ug/L	90
35) Methylcyclohexane	9.335	83	46608	18.807	ug/L #	81
37) 1,2-Dichloropropane	9.372	63	33067	29.221	ug/L #	95
38) Bromodichloromethane	9.646	83	46156	29.218	ug/L #	95
39) cis-1,3-Dichloropropene	10.073	75	41332	23.506	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	35291	66.388	ug/L #	88
42) Toluene	10.390	91	151728	26.044	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	33830	22.987	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	28513	29.677	ug/L	94
46) Tetrachloroethene	10.859	164	32100	21.540	ug/L	93
48) 2-Hexanone	10.969	43	21815	59.978	ug/L #	92
49) Dibromochloromethane	11.128	129	32041	26.467	ug/L	92
50) 1,2-Dibromoethane	11.231	107	25504	26.742	ug/L #	97
51) Chlorobenzene	11.658	112	87015	21.154	ug/L	90
52) Ethylbenzene	11.725	91	150390	23.237	ug/L	97
53) m,p-Xylene	11.835	106	63672	23.528	ug/L	85
54) o-Xylene	12.164	106	59530	23.694	ug/L	90
55) Styrene	12.176	104	78430	18.909	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	27491	26.594	ug/L #	92
59) Bromoform	12.347	173	15974	39.557	ug/L #	96
60) Isopropylbenzene	12.463	105	143793	35.651	ug/L	94
61) 1,2,3-Trichloropropane	12.767	75	21226	50.146	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	110089	32.961	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	104352	31.679	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	45703	22.537	ug/L	91
65) 1,4-Dichlorobenzene	13.578	146	43836	21.893	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	40386	22.746	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	3132	38.316	ug/L #	79
69) 1,3,5-Trichlorobenzene	14.627	180	20019	13.282	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	11954	9.954	ug/L	100
71) Naphthalene	15.365	128	24009	12.960	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	9697	9.778	ug/L	98

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

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