

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020238.D
 Acq On : 29 Sep 2021 17:21
 Operator : SY/VA
 Sample : M3973-19MS
 Misc : 4.45g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Y4MS

Quant Time: Sep 30 01:05:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Sep 30 00:57:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	251642	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	219205	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	96788	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	108089	20.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.000%
7) Chloroethane-d5	2.898	69	94524	24.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.480%
11) 1,1-Dichloroethene-d2	4.025	63	162268	20.131	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.520%
21) 2-Butanone-d5	7.086	46	23619	29.731	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.460%
24) Chloroform-d	7.653	84	179275	22.653	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	8.311	65	82667	19.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	77.640%
32) Benzene-d6	8.281	84	324822	23.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.920%
36) 1,2-Dichloropropane-d6	9.274	67	90406	22.337	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.360%
41) Toluene-d8	10.323	98	292180	22.962	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.840%
43) trans-1,3-Dichloroprop...	10.579	79	33773	19.523	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.080%
47) 2-Hexanone-d5	10.927	63	18491	33.014	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.020%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	58194	18.640	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.560%
66) 1,2-Dichlorobenzene-d4	13.853	152	77348	21.312	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	50206	22.779	ug/L	95
3) Chloromethane	2.221	50	77341	25.377	ug/L	99
5) Vinyl chloride	2.367	62	135616	28.338	ug/L	98
6) Bromomethane	2.788	94	90169	29.145	ug/L	100
8) Chloroethane	2.934	64	84581	29.226	ug/L	98
9) Trichlorofluoromethane	3.269	101	89786	26.666	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	87612	23.802	ug/L	98
12) 1,1-Dichloroethene	4.044	96	79830	23.922	ug/L	91
13) Acetone	4.141	43	24051	35.350	ug/L	95
14) Carbon disulfide	4.385	76	249486	23.772	ug/L	100
15) Methyl Acetate	4.672	43	19570	15.041	ug/L	98
16) Methylene chloride	4.922	84	82651	18.614	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	84175	23.943	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	84959	20.357	ug/L	98
19) 1,1-Dichloroethane	6.220	63	155874	24.038	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	82357	23.034	ug/L	98
22) 2-Butanone	7.177	43	26990	30.577	ug/L	98
23) Bromochloromethane	7.519	128	34773	21.455	ug/L	93
25) Chloroform	7.677	83	164297	24.229	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	94422	21.159	ug/L	99
29) Cyclohexane	7.964	56	119450	24.489	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	147033	27.069	ug/L	99
31) Carbon tetrachloride	8.073	117	132928	26.897	ug/L	100
33) Benzene	8.329	78	353414	26.715	ug/L	100
34) Trichloroethene	9.092	95	95945	27.092	ug/L	97
35) Methylcyclohexane	9.335	83	128412	22.254	ug/L	97
37) 1,2-Dichloropropane	9.372	63	81779	24.957	ug/L	99
38) Bromodichloromethane	9.646	83	108975	24.559	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	109984	22.757	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	56605	34.300	ug/L	100
42) Toluene	10.390	91	381246	27.125	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	94737	21.823	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	50552	21.040	ug/L	98
46) Tetrachloroethene	10.866	164	67689	24.729	ug/L	95
48) 2-Hexanone	10.969	43	42371	36.858	ug/L	98
49) Dibromochloromethane	11.128	129	62898	22.403	ug/L	95
50) 1,2-Dibromoethane	11.237	107	43731	19.340	ug/L #	98
51) Chlorobenzene	11.658	112	215828	23.610	ug/L	95
52) Ethylbenzene	11.731	91	392790	25.373	ug/L	99
53) m,p-Xylene	11.841	106	152498	25.839	ug/L	93
54) o-Xylene	12.170	106	141355	25.892	ug/L	98
55) Styrene	12.182	104	240369	25.338	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	52616	18.335	ug/L	96
59) Bromoform	12.353	173	31282	23.705	ug/L	96
60) Isopropylbenzene	12.463	105	381206	29.374	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	37305	20.412	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	295081	27.706	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	288678	27.592	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	139990	23.522	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	144486	23.492	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	121143	22.349	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	7648	18.642	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	76504	18.585	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	45942	14.461	ug/L	93
71) Naphthalene	15.365	128	76916	13.728	ug/L	97
72) 1,2,3-Trichlorobenzene	15.554	180	37588	13.140	ug/L	99

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

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