

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020372.D
 Acq On : 07 Oct 2021 18:22
 Operator : SY/VA
 Sample : M4070-03MSD
 Misc : 5.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7D4MSD

Quant Time: Oct 08 05:59:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 08 05:56:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	288237	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	257136	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	118335	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	86498	21.774	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.080%
7) Chloroethane-d5	2.879	69	43052	25.011	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.040%
11) 1,1-Dichloroethene-d2	4.019	63	170567	20.850	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.400%
21) 2-Butanone-d5	7.080	46	51692	51.223	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.440%
24) Chloroform-d	7.653	84	189708	22.922	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.680%
26) 1,2-Dichloroethane-d4	8.311	65	104509	23.073	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.280%
32) Benzene-d6	8.275	84	361716	23.234	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.920%
36) 1,2-Dichloropropane-d6	9.274	67	115705	23.431	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.720%
41) Toluene-d8	10.329	98	317169	22.493	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.960%
43) trans-1,3-Dichloroprop...	10.579	79	46956	23.370	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.480%
47) 2-Hexanone-d5	10.927	63	36999	54.209	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.420%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	82751	24.010	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	94611	22.832	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	41508	26.288	ug/L	99
3) Chloromethane	2.215	50	74236	19.226	ug/L	96
5) Vinyl chloride	2.361	62	106633	20.304	ug/L	100
6) Bromomethane	2.776	94	44319	21.803	ug/L	95
8) Chloroethane	2.916	64	36448	23.214	ug/L	97
9) Trichlorofluoromethane	3.257	101	53356	19.609	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	83291	19.636	ug/L	99
12) 1,1-Dichloroethene	4.044	96	83537	20.828	ug/L	98
13) Acetone	4.129	43	80579	77.670	ug/L	99
14) Carbon disulfide	4.385	76	255510	19.378	ug/L	100
15) Methyl Acetate	4.672	43	41746	22.018	ug/L	99
16) Methylene chloride	4.915	84	98277	19.094	ug/L	97
17) trans-1,2-Dichloroethene	5.428	96	87288	20.789	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	129170	23.793	ug/L	100
19) 1,1-Dichloroethane	6.220	63	179486	21.494	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	93764	21.837	ug/L	100
22) 2-Butanone	7.177	43	69652	54.607	ug/L	99
23) Bromochloromethane	7.519	128	38556	21.202	ug/L	95
25) Chloroform	7.677	83	172448	21.593	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	115381	21.628	ug/L	100
29) Cyclohexane	7.958	56	159620	20.880	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	133104	21.580	ug/L	99
31) Carbon tetrachloride	8.073	117	112701	20.932	ug/L	100
33) Benzene	8.323	78	393323	21.995	ug/L	100
34) Trichloroethene	9.091	95	91470	20.794	ug/L	96
35) Methylcyclohexane	9.335	83	147960	19.282	ug/L	98
37) 1,2-Dichloropropane	9.372	63	98989	22.220	ug/L	99
38) Bromodichloromethane	9.646	83	119679	22.048	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	142455	22.608	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	118621	48.744	ug/L	99
42) Toluene	10.390	91	394420	21.931	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	122368	22.424	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	63605	22.569	ug/L	99
46) Tetrachloroethene	10.866	164	67616	20.885	ug/L	92
48) 2-Hexanone	10.969	43	87057	49.037	ug/L	99
49) Dibromochloromethane	11.128	129	70147	22.180	ug/L	96
50) 1,2-Dibromoethane	11.237	107	57067	22.020	ug/L	99
51) Chlorobenzene	11.658	112	229245	21.016	ug/L	100
52) Ethylbenzene	11.731	91	423172	21.553	ug/L	100
53) m,p-Xylene	11.841	106	155907	21.495	ug/L	97
54) o-Xylene	12.164	106	150875	22.212	ug/L	99
55) Styrene	12.182	104	252421	21.593	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	73754	22.011	ug/L	99
59) Bromoform	12.347	173	35530	22.472	ug/L	100
60) Isopropylbenzene	12.463	105	400679	22.808	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	55820	23.798	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	327057	23.010	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	325822	22.937	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	157584	21.325	ug/L	99
65) 1,4-Dichlorobenzene	13.578	146	158533	21.253	ug/L	97
67) 1,2-Dichlorobenzene	13.871	146	140266	21.290	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	11586	23.273	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	101203	19.279	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	79647	19.454	ug/L	100
71) Naphthalene	15.365	128	155091	21.746	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	68196	19.069	ug/L	98

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

