

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020371.D
 Acq On : 07 Oct 2021 17:58
 Operator : SY/VA
 Sample : M4070-02MS
 Misc : 5.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7D4MS

Quant Time: Oct 08 05:58:55 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	255709	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	223240	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	97203	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	78247	22.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.800%
7) Chloroethane-d5	2.879	69	40701	26.653	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.600%
11) 1,1-Dichloroethene-d2	4.019	63	156660	21.586	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.360%
21) 2-Butanone-d5	7.086	46	43952	49.094	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.180%
24) Chloroform-d	7.653	84	172231	23.457	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.840%
26) 1,2-Dichloroethane-d4	8.305	65	92788	23.092	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.360%
32) Benzene-d6	8.275	84	326541	24.159	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.640%
36) 1,2-Dichloropropane-d6	9.275	67	107042	24.968	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	10.323	98	285592	23.329	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	10.579	79	40421	23.172	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.680%
47) 2-Hexanone-d5	10.927	63	32137	54.235	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.460%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	73918	24.703	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	79520	23.362	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	35077	25.041	ug/L	100
3) Chloromethane	2.209	50	70590	20.608	ug/L	96
5) Vinyl chloride	2.355	62	101496	21.784	ug/L	100
6) Bromomethane	2.776	94	41372	22.943	ug/L	93
8) Chloroethane	2.916	64	35713	25.639	ug/L	96
9) Trichlorofluoromethane	3.251	101	52934	21.928	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	82753	21.990	ug/L	99
12) 1,1-Dichloroethene	4.038	96	77965	21.912	ug/L	95
13) Acetone	4.135	43	66554	72.312	ug/L	98
14) Carbon disulfide	4.385	76	226898	19.397	ug/L	100
15) Methyl Acetate	4.672	43	38606	22.952	ug/L	100
16) Methylene chloride	4.916	84	92772	20.317	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	80902	21.719	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	122199	25.372	ug/L	99
19) 1,1-Dichloroethane	6.220	63	170386	23.000	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	85214	22.371	ug/L	97
22) 2-Butanone	7.177	43	60352	53.335	ug/L	100
23) Bromochloromethane	7.519	128	36968	22.915	ug/L	98
25) Chloroform	7.677	83	162085	22.877	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	108426	22.910	ug/L	99
29) Cyclohexane	7.958	56	152764	23.017	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	128869	24.066	ug/L	99
31) Carbon tetrachloride	8.067	117	110813	23.706	ug/L	98
33) Benzene	8.323	78	368136	23.713	ug/L	100
34) Trichloroethene	9.092	95	86668	22.693	ug/L	96
35) Methylcyclohexane	9.335	83	139150	20.887	ug/L	99
37) 1,2-Dichloropropane	9.372	63	93756	24.241	ug/L	100
38) Bromodichloromethane	9.646	83	111058	23.566	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	128424	23.476	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	109710	51.927	ug/L	99
42) Toluene	10.390	91	365353	23.399	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	109338	23.078	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	58374	23.857	ug/L	98
46) Tetrachloroethene	10.860	164	61423	21.852	ug/L	92
48) 2-Hexanone	10.969	43	79664	51.687	ug/L	99
49) Dibromochloromethane	11.128	129	65440	23.833	ug/L	98
50) 1,2-Dibromoethane	11.238	107	51092	22.708	ug/L	97
51) Chlorobenzene	11.658	112	207005	21.858	ug/L	99
52) Ethylbenzene	11.731	91	389242	22.835	ug/L	98
53) m,p-Xylene	11.841	106	143188	22.738	ug/L	100
54) o-Xylene	12.164	106	137190	23.264	ug/L	96
55) Styrene	12.183	104	228056	22.471	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	68774	23.642	ug/L	97
59) Bromoform	12.347	173	32775	25.236	ug/L	98
60) Isopropylbenzene	12.463	105	367819	25.490	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	50625	26.275	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	299422	25.646	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	296265	25.391	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	132968	21.906	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	136491	22.276	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	121097	22.376	ug/L	90
68) 1,2-Dibromo-3-chloropr...	14.481	75	10345	25.298	ug/L	96
69) 1,3,5-Trichlorobenzene	14.627	180	81563	18.916	ug/L	94
70) 1,2,4-trichlorobenzene	15.133	180	61415	18.262	ug/L	99
71) Naphthalene	15.365	128	129554	22.115	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	57998	19.743	ug/L	98

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

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