

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092921\
 Data File : VW020239.D
 Acq On : 29 Sep 2021 17:45
 Operator : SY/VA
 Sample : M3973-20MSD
 Misc : 4.97g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW8Y4MSD

Quant Time: Sep 30 01:06:15 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	283754	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	253726	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	120722	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	121735	20.971	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.880%
7) Chloroethane-d5	2.897	69	105043	24.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	4.025	63	182511	20.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.320%
21) 2-Butanone-d5	7.080	46	29565	33.005	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.000%
24) Chloroform-d	7.653	84	205151	22.989	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.960%
26) 1,2-Dichloroethane-d4	8.311	65	95688	19.923	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.680%
32) Benzene-d6	8.281	84	380058	23.479	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.274	67	105974	22.621	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	10.323	98	338219	22.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.840%
43) trans-1,3-Dichloroprop...	10.579	79	40968	20.460	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.840%
47) 2-Hexanone-d5	10.927	63	22903	35.328	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.660%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	69774	19.309	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.240%
66) 1,2-Dichlorobenzene-d4	13.853	152	98473	21.754	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	47563	19.137	ug/L	98
3) Chloromethane	2.221	50	76593	22.287	ug/L	99
5) Vinyl chloride	2.373	62	131868	24.436	ug/L	100
6) Bromomethane	2.788	94	85533	24.518	ug/L	98
8) Chloroethane	2.934	64	83329	25.535	ug/L	99
9) Trichlorofluoromethane	3.269	101	83725	22.052	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	88954	21.431	ug/L	99
12) 1,1-Dichloroethene	4.050	96	82455	21.912	ug/L	84
13) Acetone	4.129	43	24821	32.353	ug/L	97
14) Carbon disulfide	4.391	76	253284	21.403	ug/L	99
15) Methyl Acetate	4.684	43	21193	14.445	ug/L	99
16) Methylene chloride	4.928	84	85385	17.053	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	87567	22.089	ug/L	95
18) Methyl tert-butyl Ether	5.434	73	87579	18.610	ug/L	99
19) 1,1-Dichloroethane	6.220	63	161393	22.073	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	86320	21.410	ug/L	99
22) 2-Butanone	7.177	43	29226	29.363	ug/L	97
23) Bromochloromethane	7.519	128	36497	19.970	ug/L	94
25) Chloroform	7.677	83	168092	21.984	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	97380	19.353	ug/L	99
29) Cyclohexane	7.964	56	124089	21.979	ug/L	99
30) 1,1,1-Trichloroethane	7.878	97	148751	23.659	ug/L	100
31) Carbon tetrachloride	8.073	117	136526	23.866	ug/L	99
33) Benzene	8.329	78	364515	23.805	ug/L	100
34) Trichloroethene	9.091	95	96315	23.496	ug/L	96
35) Methylcyclohexane	9.335	83	139853	20.939	ug/L	98
37) 1,2-Dichloropropane	9.372	63	84786	22.355	ug/L	100
38) Bromodichloromethane	9.646	83	113668	22.131	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	117931	21.081	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	61839	32.374	ug/L	98
42) Toluene	10.390	91	403311	24.791	ug/L	97
44) trans-1,3-Dichloropropene	10.609	75	102040	20.307	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	53014	19.063	ug/L	98
46) Tetrachloroethene	10.866	164	69025	21.786	ug/L	95
48) 2-Hexanone	10.969	43	46256	34.763	ug/L	100
49) Dibromochloromethane	11.128	129	64958	19.989	ug/L	95
50) 1,2-Dibromoethane	11.237	107	47012	17.962	ug/L	99
51) Chlorobenzene	11.658	112	234985	22.209	ug/L	98
52) Ethylbenzene	11.731	91	421603	23.529	ug/L	99
53) m,p-Xylene	11.841	106	164460	24.075	ug/L	92
54) o-Xylene	12.164	106	148220	23.456	ug/L	98
55) Styrene	12.182	104	255126	23.235	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	58216	17.526	ug/L	98
59) Bromoform	12.347	173	31785	19.311	ug/L	98
60) Isopropylbenzene	12.463	105	410798	25.379	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	40820	17.907	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	328743	24.747	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	320018	24.523	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	158865	21.401	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	161807	21.092	ug/L	99
67) 1,2-Dichlorobenzene	13.871	146	138070	20.422	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	8260	16.142	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	91685	17.857	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	62865	15.865	ug/L	92
71) Naphthalene	15.365	128	103780	14.850	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	54965	15.405	ug/L	97

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

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