

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092321\
 Data File : VW020144.D
 Acq On : 23 Sep 2021 14:25
 Operator : SY/VA
 Sample : M3834-15MS
 Misc : 4.52g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW411

Quant Time: Sep 24 01:41:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 24 01:36:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	320470	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	228374	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	57171	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	146135	22.290	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.160%
7) Chloroethane-d5	2.897	69	118846	24.063	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.240%
11) 1,1-Dichloroethene-d2	4.031	63	232022	22.603	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.400%
21) 2-Butanone-d5	7.080	46	30127	29.779	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.560%
24) Chloroform-d	7.653	84	250465	24.851	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	8.311	65	121022	22.311	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.240%
32) Benzene-d6	8.281	84	462664	31.755	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.000%
36) 1,2-Dichloropropane-d6	9.274	67	133033	31.550	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.200%#
41) Toluene-d8	10.323	98	381134	28.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.000%
43) trans-1,3-Dichloroprop...	10.579	79	40994	22.746	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.000%
47) 2-Hexanone-d5	10.927	63	23007	39.428	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.860%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	71175	21.883	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	46813	21.837	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	80533	28.691	ug/L	95
3) Chloromethane	2.221	50	103894	26.768	ug/L	98
5) Vinyl chloride	2.367	62	162044	26.588	ug/L	99
6) Bromomethane	2.788	94	91753	23.287	ug/L	98
8) Chloroethane	2.934	64	98657	26.768	ug/L	99
9) Trichlorofluoromethane	3.269	101	113774	26.533	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	110793	23.635	ug/L	99
12) 1,1-Dichloroethene	4.044	96	109709	25.814	ug/L	95
13) Acetone	4.123	43	61000	70.401	ug/L	99
14) Carbon disulfide	4.391	76	276008	20.651	ug/L	100
15) Methyl Acetate	4.678	43	30342	18.312	ug/L	99
16) Methylene chloride	4.922	84	121502	21.486	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	109311	24.415	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	125270	23.569	ug/L	99
19) 1,1-Dichloroethane	6.220	63	221877	26.868	ug/L	99
20) cis-1,2-Dichloroethene	7.177	96	112256	24.653	ug/L	100
22) 2-Butanone	7.171	43	56761	50.494	ug/L	96
23) Bromochloromethane	7.519	128	49192	23.832	ug/L	98
25) Chloroform	7.683	83	224815	26.034	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	132836	23.375	ug/L	99
29) Cyclohexane	7.964	56	144591	28.454	ug/L	98
30) 1,1,1-Trichloroethane	7.878	97	191323	33.809	ug/L	100
31) Carbon tetrachloride	8.073	117	164499	31.948	ug/L	100
33) Benzene	8.329	78	472150	34.257	ug/L	100
34) Trichloroethene	9.091	95	108466	29.398	ug/L	97
35) Methylcyclohexane	9.341	83	113987	18.961	ug/L	98
37) 1,2-Dichloropropane	9.372	63	112585	32.979	ug/L	100
38) Bromodichloromethane	9.646	83	139518	30.180	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	131900	26.196	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	94401	54.906	ug/L	99
42) Toluene	10.390	91	471863	32.225	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	106944	23.646	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	68631	27.418	ug/L	97
46) Tetrachloroethene	10.866	164	71615	25.112	ug/L	97
48) 2-Hexanone	10.969	43	69681	58.181	ug/L	92
49) Dibromochloromethane	11.128	129	73104	24.993	ug/L	100
50) 1,2-Dibromoethane	11.237	107	56449	23.962	ug/L	98
51) Chlorobenzene	11.658	112	216557	22.739	ug/L	99
52) Ethylbenzene	11.731	91	412076	25.550	ug/L	98
53) m,p-Xylene	11.841	106	152878	24.864	ug/L	97
54) o-Xylene	12.164	106	144416	25.391	ug/L	98
55) Styrene	12.182	104	199785	20.214	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.713	83	63171	21.129	ug/L	100
59) Bromoform	12.347	173	30412	39.016	ug/L	98
60) Isopropylbenzene	12.463	105	348468	45.459	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	50171	46.475	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	232288	36.923	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	213408	34.532	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	85277	24.258	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	80435	22.140	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	71483	22.326	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	7737	31.927	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	32034	13.174	ug/L	98
70) 1,2,4-trichlorobenzene	15.133	180	15937	8.493	ug/L	96
71) Naphthalene	15.365	128	31780	9.602	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	12938	7.657	ug/L	99

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

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