

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081321\
 Data File : VW019739.D
 Acq On : 13 Aug 2021 16:57
 Operator : SY/VA
 Sample : M3365-16MSD
 Misc : 8.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DBKCOMSD

Quant Time: Aug 14 01:20:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 14 01:17:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	17888	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	15725	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	7207	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	6189	29.629	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.520%
7) Chloroethane-d5	2.891	69	4941	23.932	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.720%
11) 1,1-Dichloroethene-d2	4.038	63	11001	25.596	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.400%
21) 2-Butanone-d5	7.086	46	3463	50.764	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.520%
24) Chloroform-d	7.653	84	11613	21.474	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.880%
26) 1,2-Dichloroethane-d4	8.317	65	6329	20.104	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.400%
32) Benzene-d6	8.281	84	19666	18.889	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	75.560%
36) 1,2-Dichloropropane-d6	9.280	67	6134	19.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.320%
41) Toluene-d8	10.329	98	15110	15.910	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.640%
43) trans-1,3-Dichloroprop...	10.585	79	2190	16.934	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.720%
47) 2-Hexanone-d5	10.933	63	2279	41.475	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.960%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	6380	23.474	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	5582	21.000	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	8080	41.258	ug/L	95
3) Chloromethane	2.221	50	9729	49.099	ug/L	94
5) Vinyl chloride	2.367	62	12429	46.556	ug/L	99
6) Bromomethane	2.788	94	6147	29.393	ug/L	97
8) Chloroethane	2.934	64	6442	35.885	ug/L	94
9) Trichlorofluoromethane	3.282	101	16006	96.849	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.080	101	9429	42.811	ug/L #	82
12) 1,1-Dichloroethene	4.056	96	7550	35.223	ug/L	80
13) Acetone	4.129	43	5762	102.759	ug/L	91
14) Carbon disulfide	4.397	76	21480	35.197	ug/L	98
15) Methyl Acetate	4.672	43	3852	36.732	ug/L #	64
16) Methylene chloride	4.922	84	8004	26.775	ug/L	93
17) trans-1,2-Dichloroethene	5.434	96	7612	32.487	ug/L	92
18) Methyl tert-butyl Ether	5.434	73	15762	46.299	ug/L #	92
19) 1,1-Dichloroethane	6.226	63	14456	29.357	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	7516	28.305	ug/L	96
22) 2-Butanone	7.183	43	5380	71.727	ug/L #	64
23) Bromochloromethane	7.525	128	3673	29.894	ug/L	89
25) Chloroform	7.689	83	15273	30.281	ug/L	91

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	10303	29.246	ug/L	98
29) Cyclohexane	7.964	56	11492	29.492	ug/L	95
30) 1,1,1-Trichloroethane	7.878	97	14301	35.521	ug/L	98
31) Carbon tetrachloride	8.079	117	12372	33.297	ug/L	98
33) Benzene	8.336	78	31409	28.822	ug/L	100
34) Trichloroethene	9.098	95	8095	29.961	ug/L	93
35) Methylcyclohexane	9.335	83	12148	27.170	ug/L	94
37) 1,2-Dichloropropane	9.372	63	7963	29.238	ug/L	97
38) Bromodichloromethane	9.646	83	10014	29.029	ug/L	88
39) cis-1,3-Dichloropropene	10.079	75	9404	22.630	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	9624	57.500	ug/L	98
42) Toluene	10.390	91	30421	26.590	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	8293	22.790	ug/L	99
45) 1,1,2-Trichloroethane	10.792	97	6445	31.996	ug/L	96
46) Tetrachloroethene	10.866	164	6315	31.085	ug/L	97
48) 2-Hexanone	10.969	43	6683	58.040	ug/L	98
49) Dibromochloromethane	11.134	129	6769	30.329	ug/L	100
50) 1,2-Dibromoethane	11.237	107	5622	29.329	ug/L #	87
51) Chlorobenzene	11.658	112	19253	27.519	ug/L	96
52) Ethylbenzene	11.731	91	29857	24.900	ug/L	98
53) m,p-Xylene	11.841	106	11410	24.994	ug/L	100
54) o-Xylene	12.170	106	10940	24.832	ug/L	95
55) Styrene	12.182	104	16592	21.931	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	8699	33.941	ug/L	97
59) Bromoform	12.353	173	3342	30.508	ug/L	93
60) Isopropylbenzene	12.463	105	31538	32.000	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	6206	38.076	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	24537	29.896	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	23577	27.538	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	14962	31.350	ug/L	92
65) 1,4-Dichlorobenzene	13.579	146	13619	28.306	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	13410	32.009	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	1264	39.742	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	9627	31.576	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	6529	25.432	ug/L	98
71) Naphthalene	15.365	128	10985	22.015	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	5524	24.327	ug/L	97

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

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