

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122821\
 Data File : VW021675.D
 Acq On : 28 Dec 2021 18:22
 Operator : SY/VA
 Sample : M5125-10MS
 Misc : 9.11g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 H0AN3MS

Quant Time: Dec 29 00:25:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 29 00:22:49 2021
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	108467	25.000	ug/L	# 0.00
28) Chlorobenzene-d5		11.634	117	94427	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.560	152	41878	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	54351	25.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.640%		
7) Chloroethane-d5		2.891	69	38176	26.504	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.000%		
11) 1,1-Dichloroethene-d2		4.019	63	72583	23.192	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 92.760%		
21) 2-Butanone-d5		7.092	46	13556	43.326	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 86.660%		
24) Chloroform-d		7.647	84	78773	23.249	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 93.000%		
26) 1,2-Dichloroethane-d4		8.305	65	40654	22.723	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 90.880%		
32) Benzene-d6		8.275	84	146595	26.146	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 104.600%		
36) 1,2-Dichloropropane-d6		9.274	67	39554	26.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.040%		
41) Toluene-d8		10.323	98	139678	25.003	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 100.000%		
43) trans-1,3-Dichloroprop...		10.579	79	17631	23.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 95.280%		
47) 2-Hexanone-d5		10.927	63	11330	49.117	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 98.240%		
56) 1,1,2,2-Tetrachloroeth...		12.695	84	28709	22.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 91.560%		
66) 1,2-Dichlorobenzene-d4		13.853	152	35460	22.143	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 88.560%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		2.007	85	24328	37.825	ug/L	96
3) Chloromethane		2.215	50	37753	22.726	ug/L	98
5) Vinyl chloride		2.361	62	52598	21.468	ug/L	97
6) Bromomethane		2.782	94	30625	19.210	ug/L	95
8) Chloroethane		2.922	64	26037	22.301	ug/L	95
9) Trichlorofluoromethane		3.263	101	39570	26.843	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...		4.062	101	36069	20.090	ug/L	90
12) 1,1-Dichloroethene		4.038	96	34390	21.417	ug/L	82
13) Acetone		4.153	43	10344	38.937	ug/L	94
14) Carbon disulfide		4.379	76	95361	20.522	ug/L	99
15) Methyl Acetate		4.684	43	9208	18.166	ug/L #	90
16) Methylene chloride		4.915	84	38466	19.866	ug/L	86
17) trans-1,2-Dichloroethene		5.422	96	34586	20.389	ug/L	81
18) Methyl tert-butyl Ether		5.434	73	47819	20.245	ug/L	94
19) 1,1-Dichloroethane		6.214	63	54439	20.570	ug/L	98
20) cis-1,2-Dichloroethene		7.171	96	35952	20.417	ug/L	78
22) 2-Butanone		7.183	43	13837	38.313	ug/L	87
23) Bromochloromethane		7.513	128	17346	20.379	ug/L #	66
25) Chloroform		7.677	83	62305	20.409	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	37456	18.916	ug/L #	94
29) Cyclohexane	7.952	56	46840	21.450	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	56742	22.775	ug/L	94
31) Carbon tetrachloride	8.067	117	54104	22.332	ug/L	98
33) Benzene	8.323	78	128672	22.333	ug/L	100
34) Trichloroethene	9.092	95	45531	27.838	ug/L	83
35) Methylcyclohexane	9.335	83	52406	19.420	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	28195	22.081	ug/L #	94
38) Bromodichloromethane	9.646	83	44758	22.966	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	46900	22.481	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	29802	42.369	ug/L #	93
42) Toluene	10.390	91	143434	21.566	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	40265	21.481	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	22206	20.938	ug/L	95
46) Tetrachloroethene	10.860	164	37140	24.248	ug/L	98
48) 2-Hexanone	10.969	43	21459	44.924	ug/L #	94
49) Dibromochloromethane	11.128	129	31444	22.067	ug/L	86
50) 1,2-Dibromoethane	11.231	107	22138	20.784	ug/L #	96
51) Chlorobenzene	11.658	112	81455	18.982	ug/L	92
52) Ethylbenzene	11.731	91	153271	20.530	ug/L	99
53) m,p-Xylene	11.835	106	59372	19.847	ug/L	92
54) o-Xylene	12.164	106	56104	19.788	ug/L	89
55) Styrene	12.176	104	83232	17.093	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	23382	19.931	ug/L #	97
59) Bromoform	12.347	173	16869	27.600	ug/L	97
60) Isopropylbenzene	12.463	105	151271	25.913	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	16828	26.260	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.938	105	123030	24.928	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	114365	23.328	ug/L	95
64) 1,3-Dichlorobenzene	13.499	146	53992	19.589	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	52013	18.925	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	45409	18.870	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	3403	24.117	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.627	180	31560	15.587	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	18449	11.415	ug/L	96
71) Naphthalene	15.365	128	30656	11.658	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	15484	11.381	ug/L	92

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

