

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102121\
 Data File : VW020661.D
 Acq On : 21 Oct 2021 12:24
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025481

Quant Time: Oct 22 01:50:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 09:44:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	211788	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	193466	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	100083	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	73397	24.771	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.080%
7) Chloroethane-d5	2.879	69	35183	31.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.160%
11) 1,1-Dichloroethene-d2	4.019	63	145080	26.490	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.960%
21) 2-Butanone-d5	7.079	46	46873	48.680	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.360%
24) Chloroform-d	7.652	84	146956	23.883	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.520%
26) 1,2-Dichloroethane-d4	8.305	65	87112	23.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.480%
32) Benzene-d6	8.274	84	282343	25.181	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.720%
36) 1,2-Dichloropropane-d6	9.274	67	90903	24.954	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.800%
41) Toluene-d8	10.323	98	258152	25.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.560%
43) trans-1,3-Dichloroprop...	10.579	79	39768	25.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.520%
47) 2-Hexanone-d5	10.926	63	34408	52.715	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.420%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	72362	23.918	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.680%
66) 1,2-Dichlorobenzene-d4	13.847	152	81628	23.897	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	28083	19.328	ug/L	99
3) Chloromethane	2.208	50	72500	25.138	ug/L	98
5) Vinyl chloride	2.355	62	93644	25.351	ug/L	98
6) Bromomethane	2.769	94	35533	25.226	ug/L	97
8) Chloroethane	2.916	64	32654	31.572	ug/L	99
9) Trichlorofluoromethane	3.251	101	43201	29.259	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	75331	25.091	ug/L	98
12) 1,1-Dichloroethene	4.037	96	70427	25.998	ug/L	92
13) Acetone	4.129	43	54143	61.721	ug/L	94
14) Carbon disulfide	4.379	76	229488	25.792	ug/L	100
15) Methyl Acetate	4.677	43	44299	25.360	ug/L	99
16) Methylene chloride	4.915	84	87150	22.817	ug/L	96
17) trans-1,2-Dichloroethene	5.427	96	74943	25.241	ug/L	93
18) Methyl tert-butyl Ether	5.427	73	123414	28.142	ug/L	99
19) 1,1-Dichloroethane	6.220	63	153652	25.081	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	80000	26.242	ug/L	99
22) 2-Butanone	7.171	43	66463	56.847	ug/L	99
23) Bromochloromethane	7.512	128	35027	25.067	ug/L	98
25) Chloroform	7.677	83	147671	24.578	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	108046	25.130	ug/L	99
29) Cyclohexane	7.957	56	153290	28.727	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	118158	26.036	ug/L	100
31) Carbon tetrachloride	8.067	117	105146	26.132	ug/L	100
33) Benzene	8.323	78	336875	25.498	ug/L	100
34) Trichloroethene	9.091	95	82877	26.132	ug/L	96
35) Methylcyclohexane	9.335	83	149829	27.623	ug/L	99
37) 1,2-Dichloropropane	9.372	63	87790	26.097	ug/L	100
38) Bromodichloromethane	9.646	83	105922	25.808	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	129487	27.770	ug/L	98
40) 4-Methyl-2-pentanone	10.213	43	123602	54.533	ug/L	100
42) Toluene	10.390	91	351356	27.054	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	116082	27.493	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	59261	25.855	ug/L	98
46) Tetrachloroethene	10.865	164	60939	25.578	ug/L	96
48) 2-Hexanone	10.969	43	97713	57.647	ug/L	99
49) Dibromochloromethane	11.128	129	65292	26.169	ug/L	95
50) 1,2-Dibromoethane	11.237	107	55766	26.330	ug/L #	97
51) Chlorobenzene	11.658	112	209781	26.002	ug/L	99
52) Ethylbenzene	11.731	91	386344	27.309	ug/L	97
53) m,p-Xylene	11.841	106	144797	27.734	ug/L	99
54) o-Xylene	12.164	106	134850	27.719	ug/L	95
55) Styrene	12.182	104	235660	27.589	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.713	83	74251	25.404	ug/L	96
59) Bromoform	12.347	173	36957	25.339	ug/L	100
60) Isopropylbenzene	12.463	105	374429	27.745	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	57203	25.019	ug/L	100
62) 1,3,5-Trimethylbenzene	12.944	105	317236	28.799	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	314538	28.551	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	154667	25.945	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	162213	26.304	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	145104	26.809	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	12820	24.930	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	112670	27.048	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	90259	27.047	ug/L	96
71) Naphthalene	15.365	128	188265	29.149	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	84603	27.826	ug/L	98

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

