

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022122\
 Data File : VW022089.D
 Acq On : 21 Feb 2022 16:03
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025559

Quant Time: Feb 22 20:14:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	150466	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	142204	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	80770	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45035	24.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.400%
7) Chloroethane-d5	2.879	69	42404	30.390	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.560%
11) 1,1-Dichloroethene-d2	4.013	63	67701	21.142	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.560%
21) 2-Butanone-d5	7.086	46	18178	56.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.100%
24) Chloroform-d	7.647	84	84540	24.149	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	8.305	65	43565	25.013	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.275	84	156814	21.822	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.280%
36) 1,2-Dichloropropane-d6	9.274	67	44704	22.870	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	10.323	98	154735	21.726	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.920%
43) trans-1,3-Dichloroprop...	10.573	79	19779	23.104	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.400%
47) 2-Hexanone-d5	10.920	63	16967	59.705	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.400%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42800	26.847	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	62389	21.412	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	14995	42.785	ug/L	98
3) Chloromethane	2.209	50	46125	29.169	ug/L	100
5) Vinyl chloride	2.355	62	64341	28.330	ug/L	96
6) Bromomethane	2.776	94	49090	25.419	ug/L	100
8) Chloroethane	2.916	64	36427	31.213	ug/L	96
9) Trichlorofluoromethane	3.251	101	37385	21.805	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	47380	26.082	ug/L	97
12) 1,1-Dichloroethene	4.038	96	41162	24.553	ug/L	87
13) Acetone	4.153	43	14483	48.240	ug/L	99
14) Carbon disulfide	4.379	76	106863	21.853	ug/L	100
15) Methyl Acetate	4.684	43	15249	27.775	ug/L	91
16) Methylene chloride	4.915	84	44900	25.609	ug/L	99
17) trans-1,2-Dichloroethene	5.428	96	45834	24.517	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	64182	26.775	ug/L	99
19) 1,1-Dichloroethane	6.214	63	74273	25.643	ug/L	95
20) cis-1,2-Dichloroethene	7.165	96	49068	25.578	ug/L	100
22) 2-Butanone	7.177	43	21073	54.211	ug/L	98
23) Bromochloromethane	7.513	128	24764	26.216	ug/L	94
25) Chloroform	7.677	83	87199	26.597	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	53171	27.552	ug/L	97
29) Cyclohexane	7.958	56	65878	23.600	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	77892	24.751	ug/L	99
31) Carbon tetrachloride	8.067	117	73230	23.773	ug/L	99
33) Benzene	8.323	78	182646	24.497	ug/L	100
34) Trichloroethene	9.091	95	51800	24.436	ug/L	92
35) Methylcyclohexane	9.335	83	84463	23.617	ug/L	99
37) 1,2-Dichloropropane	9.366	63	42494	25.950	ug/L	100
38) Bromodichloromethane	9.640	83	61956	26.493	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	68995	26.269	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	46078	57.351	ug/L	96
42) Toluene	10.384	91	207345	24.534	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	61238	27.046	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	37287	26.790	ug/L	98
46) Tetrachloroethene	10.859	164	44260	22.400	ug/L	94
48) 2-Hexanone	10.969	43	33504	56.026	ug/L	97
49) Dibromochloromethane	11.128	129	46905	26.762	ug/L	93
50) 1,2-Dibromoethane	11.231	107	36961	26.822	ug/L	95
51) Chlorobenzene	11.658	112	143139	24.886	ug/L	96
52) Ethylbenzene	11.725	91	232891	24.975	ug/L	100
53) m,p-Xylene	11.835	106	97866	25.296	ug/L	98
54) o-Xylene	12.164	106	91307	25.229	ug/L	83
55) Styrene	12.176	104	156526	26.775	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	42665	28.162	ug/L	94
59) Bromoform	12.347	173	26845	25.165	ug/L #	98
60) Isopropylbenzene	12.463	105	245860	23.298	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	30932	26.288	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	173357	24.770	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	213920	25.088	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	122419	24.213	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	122068	24.119	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	109314	24.326	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	6519	27.232	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	89074	24.504	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	71921	24.909	ug/L	97
71) Naphthalene	15.359	128	132646	28.158	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	62221	25.212	ug/L	96

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

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