

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070122\
 Data File : VW023559.D
 Acq On : 01 Jul 2022 14:48
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025587

Quant Time: Jul 04 01:23:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 04 01:19:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	325568	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	320669	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	179591	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	159820	34.318	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 137.280%	
7) Chloroethane-d5	2.879	69	92057	28.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.800%	
11) 1,1-Dichloroethene-d2	4.019	63	162854	28.263	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 113.040%#	
21) 2-Butanone-d5	7.080	46	72045	61.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 123.540%	
24) Chloroform-d	7.653	84	226888	25.529	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.120%	
26) 1,2-Dichloroethane-d4	8.305	65	129376	26.361	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.440%	
32) Benzene-d6	8.275	84	423971	24.454	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 97.800%	
36) 1,2-Dichloropropane-d6	9.274	67	125902	24.562	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.240%	
41) Toluene-d8	10.323	98	417564	24.763	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 99.040%	
43) trans-1,3-Dichloroprop...	10.579	79	57076	25.135	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 100.520%	
47) 2-Hexanone-d5	10.927	63	61126	62.865	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 125.740%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	141850	28.822	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.280%	
66) 1,2-Dichlorobenzene-d4	13.853	152	164008	25.040	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 100.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	65338	51.937	ug/L	96
3) Chloromethane	2.215	50	129733	33.314	ug/L	98
5) Vinyl chloride	2.355	62	194568	37.097	ug/L	94
6) Bromomethane	2.769	94	85443	24.700	ug/L	96
8) Chloroethane	2.916	64	73901	31.348	ug/L	96
9) Trichlorofluoromethane	3.245	101	63441	26.111	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	110702	28.147	ug/L	98
12) 1,1-Dichloroethene	4.038	96	90811	27.756	ug/L	99
13) Acetone	4.129	43	43660	54.349	ug/L	96
14) Carbon disulfide	4.385	76	278210	31.526	ug/L	99
15) Methyl Acetate	4.678	43	55507	30.159	ug/L	98
16) Methylene chloride	4.922	84	108103	23.277	ug/L	99
17) trans-1,2-Dichloroethene	5.421	96	109826	26.599	ug/L	96
18) Methyl tert-butyl Ether	5.434	73	163498	27.001	ug/L	99
19) 1,1-Dichloroethane	6.214	63	193629	26.590	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	119651	26.590	ug/L	95
22) 2-Butanone	7.177	43	79478	60.513	ug/L	98
23) Bromochloromethane	7.513	128	58849	26.424	ug/L	97
25) Chloroform	7.677	83	219089	26.952	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	153153	28.498	ug/L	98
29) Cyclohexane	7.951	56	165824	27.349	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	174870	25.143	ug/L	99
31) Carbon tetrachloride	8.067	117	162802	25.894	ug/L	98
33) Benzene	8.323	78	467534	25.916	ug/L	100
34) Trichloroethene	9.092	95	121765	25.192	ug/L	95
35) Methylcyclohexane	9.335	83	203112	26.706	ug/L	97
37) 1,2-Dichloropropane	9.366	63	115383	26.442	ug/L	99
38) Bromodichloromethane	9.646	83	166077	26.583	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	183149	27.104	ug/L	95
40) 4-Methyl-2-pentanone	10.207	43	183065	64.010	ug/L	98
42) Toluene	10.384	91	538855	27.005	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	171002	27.381	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	104067	28.048	ug/L	97
46) Tetrachloroethene	10.860	164	96538	24.834	ug/L	98
48) 2-Hexanone	10.969	43	132005	67.201	ug/L	99
49) Dibromochloromethane	11.128	129	117001	25.807	ug/L	93
50) 1,2-Dibromoethane	11.231	107	102115	27.620	ug/L	96
51) Chlorobenzene	11.658	112	347918	25.481	ug/L	99
52) Ethylbenzene	11.731	91	597860	26.862	ug/L	98
53) m,p-Xylene	11.841	106	240533	27.488	ug/L	95
54) o-Xylene	12.164	106	225121	27.237	ug/L	100
55) Styrene	12.176	104	406053	28.110	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	140313	29.404	ug/L	95
59) Bromoform	12.347	173	69770	26.184	ug/L	97
60) Isopropylbenzene	12.463	105	611561	25.813	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	100073	27.663	ug/L	99
62) 1,3,5-Trimethylbenzene	12.945	105	515023	26.165	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	524255	26.540	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	272783	23.956	ug/L	94
65) 1,4-Dichlorobenzene	13.579	146	285550	24.727	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	269621	26.129	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	23212	28.057	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	190237	25.023	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	155583	25.359	ug/L	97
71) Naphthalene	15.365	128	368745	28.969	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	140432	25.079	ug/L	98

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

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