

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070722\
 Data File : VW023574.D
 Acq On : 07 Jul 2022 14:51
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV449

Quant Time: Jul 08 01:38:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 07 15:07:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	301155	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	297465	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	158384	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	146428	26.861	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 107.440%	
7) Chloroethane-d5	2.879	69	89530	28.716	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.880%	
11) 1,1-Dichloroethene-d2	4.025	63	159457	25.944	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 103.760%	
21) 2-Butanone-d5	7.080	46	57010	50.359	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.720%	
24) Chloroform-d	7.647	84	225136	26.246	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.000%	
26) 1,2-Dichloroethane-d4	8.305	65	123159	25.402	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.600%	
32) Benzene-d6	8.275	84	418727	25.441	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 101.760%	
36) 1,2-Dichloropropane-d6	9.274	67	122185	25.357	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.440%	
41) Toluene-d8	10.323	98	406733	25.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.000%	
43) trans-1,3-Dichloroprop...	10.579	79	53655	24.945	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.760%	
47) 2-Hexanone-d5	10.921	63	46972	49.841	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 99.680%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	122273	25.577	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 102.320%	
66) 1,2-Dichlorobenzene-d4	13.847	152	152380	26.666	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 106.680%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	58694	32.583	ug/L	99
3) Chloromethane	2.215	50	101723	24.384	ug/L	95
5) Vinyl chloride	2.355	62	178047	26.255	ug/L	93
6) Bromomethane	2.770	94	97721	24.960	ug/L	97
8) Chloroethane	2.916	64	70910	27.677	ug/L	95
9) Trichlorofluoromethane	3.251	101	65329	24.147	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	104937	24.432	ug/L	99
12) 1,1-Dichloroethene	4.038	96	88666	24.759	ug/L	96
13) Acetone	4.123	43	36194	43.381	ug/L	97
14) Carbon disulfide	4.385	76	259086	24.299	ug/L	100
15) Methyl Acetate	4.666	43	47742	24.379	ug/L	98
16) Methylene chloride	4.915	84	109809	21.501	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	104230	24.180	ug/L	99
18) Methyl tert-butyl Ether	5.434	73	162249	25.494	ug/L	99
19) 1,1-Dichloroethane	6.214	63	190659	25.215	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	117979	24.989	ug/L	93
22) 2-Butanone	7.177	43	65492	43.747	ug/L	99
23) Bromochloromethane	7.519	128	58174	24.763	ug/L	95
25) Chloroform	7.671	83	219743	25.585	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	146195	25.152	ug/L	100
29) Cyclohexane	7.958	56	153980	24.883	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	170479	24.105	ug/L	98
31) Carbon tetrachloride	8.067	117	158378	24.173	ug/L	97
33) Benzene	8.323	78	460343	24.645	ug/L	100
34) Trichloroethene	9.092	95	119174	24.479	ug/L	98
35) Methylcyclohexane	9.335	83	190617	24.339	ug/L	99
37) 1,2-Dichloropropane	9.366	63	112608	24.937	ug/L	100
38) Bromodichloromethane	9.640	83	162093	25.423	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	177280	25.737	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	148579	49.422	ug/L	99
42) Toluene	10.384	91	520147	25.522	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	161210	25.383	ug/L	95
45) 1,1,2-Trichloroethane	10.786	97	96920	24.934	ug/L	96
46) Tetrachloroethene	10.860	164	90200	23.571	ug/L	97
48) 2-Hexanone	10.969	43	108421	50.903	ug/L	99
49) Dibromochloromethane	11.128	129	116513	25.179	ug/L	99
50) 1,2-Dibromoethane	11.231	107	95496	24.886	ug/L	98
51) Chlorobenzene	11.652	112	339024	24.433	ug/L	98
52) Ethylbenzene	11.731	91	573336	24.916	ug/L	98
53) m,p-Xylene	11.835	106	228623	25.611	ug/L	94
54) o-Xylene	12.164	106	219575	25.686	ug/L	94
55) Styrene	12.176	104	392155	26.380	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	125453	25.084	ug/L	99
59) Bromoform	12.347	173	63329	23.903	ug/L	96
60) Isopropylbenzene	12.463	105	602608	26.327	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	88235	24.506	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	508326	26.779	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	503785	26.531	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	271337	25.060	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	279108	25.416	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	264152	26.456	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	20595	24.273	ug/L	91
69) 1,3,5-Trichlorobenzene	14.621	180	172941	24.616	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	140036	24.669	ug/L	97
71) Naphthalene	15.359	128	328368	26.799	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	137793	26.187	ug/L	99

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

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