

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063022\
 Data File : VW023543.D
 Acq On : 30 Jun 2022 13:20
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV441

Quant Time: Jul 01 05:54:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM063022SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 01 05:48:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	349470	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	336289	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	182098	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	145391	29.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.320%	
7) Chloroethane-d5	2.879	69	86166	25.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 100.120%	
11) 1,1-Dichloroethene-d2	4.019	63	158638	25.649	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.600%	
21) 2-Butanone-d5	7.074	46	63571	50.775	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.540%	
24) Chloroform-d	7.647	84	250056	26.212	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 104.840%	
26) 1,2-Dichloroethane-d4	8.299	65	139866	26.549	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 106.200%	
32) Benzene-d6	8.275	84	484655	26.656	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 106.640%	
36) 1,2-Dichloropropane-d6	9.274	67	140124	26.067	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 104.280%	
41) Toluene-d8	10.323	98	474020	26.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.240%	
43) trans-1,3-Dichloroprop...	10.579	79	61333	25.755	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 103.000%	
47) 2-Hexanone-d5	10.920	63	52296	51.286	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 102.580%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	132957	25.760	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 103.040%	
66) 1,2-Dichlorobenzene-d4	13.853	152	172322	25.947	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	32687	24.206	ug/L	95
3) Chloromethane	2.215	50	106646	25.512	ug/L	96
5) Vinyl chloride	2.361	62	153733	27.307	ug/L	98
6) Bromomethane	2.776	94	71307	19.203	ug/L	99
8) Chloroethane	2.916	64	57148	22.584	ug/L	95
9) Trichlorofluoromethane	3.251	101	69858	26.786	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	100832	23.884	ug/L	97
12) 1,1-Dichloroethene	4.037	96	84141	23.959	ug/L	98
13) Acetone	4.117	43	33928	39.346	ug/L	97
14) Carbon disulfide	4.379	76	250289	26.422	ug/L	100
15) Methyl Acetate	4.665	43	42760	21.644	ug/L	100
16) Methylene chloride	4.909	84	101701	20.401	ug/L	93
17) trans-1,2-Dichloroethene	5.415	96	103860	23.433	ug/L	93
18) Methyl tert-butyl Ether	5.421	73	150160	23.102	ug/L	100
19) 1,1-Dichloroethane	6.214	63	179868	23.011	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	113882	23.577	ug/L	98
22) 2-Butanone	7.171	43	61367	43.528	ug/L	98
23) Bromochloromethane	7.512	128	56854	23.782	ug/L	96
25) Chloroform	7.671	83	205072	23.503	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	137949	23.913	ug/L	98
29) Cyclohexane	7.951	56	151021	23.751	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	162945	22.340	ug/L	99
31) Carbon tetrachloride	8.067	117	149322	22.647	ug/L	100
33) Benzene	8.323	78	441358	23.328	ug/L	100
34) Trichloroethene	9.091	95	113742	22.439	ug/L	97
35) Methylcyclohexane	9.335	83	182150	22.837	ug/L	99
37) 1,2-Dichloropropane	9.366	63	106540	23.281	ug/L	100
38) Bromodichloromethane	9.640	83	153117	23.370	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	168701	23.807	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	134254	44.763	ug/L	99
42) Toluene	10.384	91	503491	24.060	ug/L	100
44) trans-1,3-Dichloropropene	10.603	75	150834	23.030	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	88640	22.780	ug/L	96
46) Tetrachloroethene	10.859	164	88954	21.820	ug/L	99
48) 2-Hexanone	10.969	43	97775	47.463	ug/L	99
49) Dibromochloromethane	11.128	129	108519	22.824	ug/L	98
50) 1,2-Dibromoethane	11.231	107	90076	23.232	ug/L	91
51) Chlorobenzene	11.652	112	332212	23.200	ug/L	96
52) Ethylbenzene	11.725	91	542329	23.235	ug/L	98
53) m,p-Xylene	11.835	106	220783	24.059	ug/L	94
54) o-Xylene	12.164	106	210873	24.329	ug/L	100
55) Styrene	12.176	104	368856	24.349	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	114297	22.840	ug/L	96
59) Bromoform	12.347	173	58812	21.768	ug/L	98
60) Isopropylbenzene	12.463	105	549533	22.876	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	81119	22.115	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	471888	23.644	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	477330	23.832	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	262332	22.721	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	268138	22.900	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	243105	23.235	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	17491	20.851	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	167269	21.699	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	142801	22.955	ug/L	94
71) Naphthalene	15.365	128	292289	22.646	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	123511	21.754	ug/L	97

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

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