

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025861.D
 Acq On : 10 May 2022 15:23
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV218

Quant Time: May 11 04:06:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 03:58:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	324523	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	324476	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	178780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	164138	39.190	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.380%
7) Chloroethane-d5	1.568	69	146792	39.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.820%
11) 1,1-Dichloroethene-d2	2.111	63	295962	40.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.800%
21) 2-Butanone-d5	3.883	46	159665	88.943	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.940%
24) Chloroform-d	4.343	84	241576	41.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.027	65	149000	42.144	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.280%
32) Benzene-d6	5.047	84	492241	43.516	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.040%
36) 1,2-Dichloropropane-d6	6.066	67	150507	43.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.640%
41) Toluene-d8	7.310	98	458794	44.021	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.040%
43) trans-1,3-Dichloroprop...	7.616	79	67931	43.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.600%
47) 2-Hexanone-d5	8.085	63	115925	91.011	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.010%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	201507	43.492	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.980%
66) 1,2-Dichlorobenzene-d4	11.622	152	171840	43.818	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	144197	42.976	ug/L	98
3) Chloromethane	1.243	50	164341	40.499	ug/L	100
5) Vinyl chloride	1.314	62	172832	41.894	ug/L	99
6) Bromomethane	1.526	94	108913	43.446	ug/L	97
8) Chloroethane	1.587	64	123779	40.175	ug/L	98
9) Trichlorofluoromethane	1.754	101	243293	41.498	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	131867	42.334	ug/L	98
12) 1,1-Dichloroethene	2.118	96	126345	41.240	ug/L	90
13) Acetone	2.179	43	143441	117.094	ug/L	98
14) Carbon disulfide	2.294	76	324898	42.874	ug/L	99
15) Methyl Acetate	2.433	43	111419	42.454	ug/L	99
16) Methylene chloride	2.507	84	124584	41.983	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	115220	43.774	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	338912	44.272	ug/L	99
19) 1,1-Dichloroethane	3.188	63	213037	43.333	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	123111	43.331	ug/L	100
22) 2-Butanone	3.966	43	152394	93.284	ug/L	99
23) Bromochloromethane	4.243	128	63504	42.316	ug/L	92
25) Chloroform	4.372	83	221484	42.514	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	170824	43.370	ug/L	99
29) Cyclohexane	4.674	56	184177	46.885	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	190169	43.154	ug/L	99
31) Carbon tetrachloride	4.825	117	163412	44.169	ug/L	99
33) Benzene	5.095	78	491885	45.022	ug/L	100
34) Trichloroethene	5.908	95	126199	44.162	ug/L	98
35) Methylcyclohexane	6.127	83	204149	47.700	ug/L	99
37) 1,2-Dichloropropane	6.169	63	122056	44.472	ug/L	99
38) Bromodichloromethane	6.506	83	164276	44.262	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	181851	46.464	ug/L	100
40) 4-Methyl-2-pentanone	7.220	43	296951	92.562	ug/L	100
42) Toluene	7.384	91	530350	45.250	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	173170	45.991	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	121099	43.425	ug/L	99
46) Tetrachloroethene	7.973	164	93827	44.511	ug/L	98
48) 2-Hexanone	8.137	43	235720	94.433	ug/L	98
49) Dibromochloromethane	8.243	129	123256	44.809	ug/L	100
50) 1,2-Dibromoethane	8.349	107	124651	43.955	ug/L	98
51) Chlorobenzene	8.876	112	335812	44.744	ug/L	99
52) Ethylbenzene	9.008	91	557034	46.066	ug/L	99
53) m,p-Xylene	9.133	106	218640	46.617	ug/L	97
54) o-Xylene	9.542	106	214625	46.584	ug/L	99
55) Styrene	9.558	104	376444	46.892	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	184660	44.381	ug/L	100
59) Bromoform	9.728	173	78133	45.305	ug/L	98
60) Isopropylbenzene	9.928	105	560738	46.825	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	151091	42.697	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	290041	46.988	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	460038	48.035	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	258212	45.552	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	264334	44.497	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	260689	44.462	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.423	75	36845	45.099	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	183593	46.908	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	158744	47.630	ug/L	100
71) Naphthalene	13.500	128	483443	48.979	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	163243	48.065	ug/L	99

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

