

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012122\
 Data File : VW024425.D
 Acq On : 21 Jan 2022 15:41
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV280

Quant Time: Jan 24 03:11:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 24 03:05:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	148661	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	140890	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85481	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	43395	44.387	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.780%
7) Chloroethane-d5	1.571	69	27385	48.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.340%
11) 1,1-Dichloroethene-d2	2.111	63	80872	51.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.300%
21) 2-Butanone-d5	3.889	46	43313	97.676	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.680%
24) Chloroform-d	4.339	84	97922	49.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.960%
26) 1,2-Dichloroethane-d4	5.027	65	71618	49.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.120%
32) Benzene-d6	5.043	84	166678	49.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.540%
36) 1,2-Dichloropropane-d6	6.063	67	37038	49.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	7.310	98	174463	49.422	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.840%
43) trans-1,3-Dichloroprop...	7.616	79	29375	50.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.940%
47) 2-Hexanone-d5	8.085	63	32407	99.695	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.690%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51446	46.267	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.540%
66) 1,2-Dichlorobenzene-d4	11.622	152	84280	48.079	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	87277	52.335	ug/L	97
3) Chloromethane	1.243	50	46250	45.777	ug/L	99
5) Vinyl chloride	1.314	62	56940	48.344	ug/L	97
6) Bromomethane	1.526	94	33373	52.152	ug/L	96
8) Chloroethane	1.587	64	26593	52.298	ug/L	100
9) Trichlorofluoromethane	1.754	101	116203	51.325	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	46145	57.087	ug/L	98
12) 1,1-Dichloroethene	2.121	96	44917	57.082	ug/L	86
13) Acetone	2.182	43	41987	76.410	ug/L #	55
14) Carbon disulfide	2.294	76	149137	66.029	ug/L	99
15) Methyl Acetate	2.433	43	32208	55.156	ug/L	97
16) Methylene chloride	2.507	84	50131	55.480	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	52046	56.650	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	168264	53.977	ug/L	98
19) 1,1-Dichloroethane	3.185	63	75325	51.993	ug/L	96
20) cis-1,2-Dichloroethene	3.905	96	54156	51.564	ug/L	98
22) 2-Butanone	3.973	43	42326	78.485	ug/L	92
23) Bromochloromethane	4.243	128	31485	51.809	ug/L	98
25) Chloroform	4.371	83	97148	49.447	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	86005	49.558	ug/L	100
29) Cyclohexane	4.674	56	60272	53.013	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	111536	51.495	ug/L	98
31) Carbon tetrachloride	4.822	117	108184	51.005	ug/L	96
33) Benzene	5.095	78	180744	50.475	ug/L	100
34) Trichloroethene	5.908	95	55285	49.706	ug/L	97
35) Methylcyclohexane	6.127	83	79894	51.021	ug/L	97
37) 1,2-Dichloropropane	6.166	63	33324	50.246	ug/L	97
38) Bromodichloromethane	6.503	83	73088	50.314	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	71185	50.375	ug/L	95
40) 4-Methyl-2-pentanone	7.220	43	85238	96.721	ug/L	98
42) Toluene	7.381	91	220656	49.616	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	79949	50.419	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	44149	49.267	ug/L	99
46) Tetrachloroethene	7.973	164	57523	51.065	ug/L	97
48) 2-Hexanone	8.133	43	65841	93.766	ug/L	98
49) Dibromochloromethane	8.239	129	63412	50.164	ug/L	98
50) 1,2-Dibromoethane	8.346	107	47273	49.080	ug/L	100
51) Chlorobenzene	8.876	112	150299	49.152	ug/L	97
52) Ethylbenzene	9.008	91	248599	51.522	ug/L	98
53) m,p-Xylene	9.133	106	100149	49.376	ug/L	99
54) o-Xylene	9.538	106	97326	49.801	ug/L	98
55) Styrene	9.558	104	165359	49.688	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	52554	47.312	ug/L	99
59) Bromoform	9.728	173	49779	52.424	ug/L	99
60) Isopropylbenzene	9.927	105	263066	51.833	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	50964	49.094	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	235500	49.672	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	235867	49.930	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	140675	49.250	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	141317	49.369	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	137591	49.693	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	16215	47.813	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	111940	48.718	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	101206	49.626	ug/L	98
71) Naphthalene	13.500	128	231495	44.196	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	98933	50.912	ug/L	97

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

