

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020222\
 Data File : VW024517.D
 Acq On : 02 Feb 2022 12:04
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV206

Quant Time: Feb 03 05:52:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM020222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 03 05:33:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	369605	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	342842	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	159684	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	134928	51.408	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	102.820%	
7) Chloroethane-d5	1.568	69	109561	47.892	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	95.780%	
11) 1,1-Dichloroethene-d2	2.108	63	274636	52.522	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	105.040%	
21) 2-Butanone-d5	3.899	46	168880	97.284	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	97.280%	
24) Chloroform-d	4.346	84	247021	51.246	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.500%	
26) 1,2-Dichloroethane-d4	5.030	65	158150	51.403	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.800%	
32) Benzene-d6	5.047	84	488796	50.142	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	100.280%	
36) 1,2-Dichloropropane-d6	6.066	67	156522	50.438	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	100.880%	
41) Toluene-d8	7.313	98	449173	50.067	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.140%	
43) trans-1,3-Dichloroprop...	7.619	79	82330	50.416	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	100.840%	
47) 2-Hexanone-d5	8.088	63	142724	108.285	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	108.280%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	194096	52.171	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	104.340%	
66) 1,2-Dichlorobenzene-d4	11.622	152	151960	50.298	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	146294	53.538	ug/L	98
3) Chloromethane	1.240	50	143996	52.859	ug/L	99
5) Vinyl chloride	1.310	62	153133	52.910	ug/L	100
6) Bromomethane	1.523	94	95675	53.703	ug/L	98
8) Chloroethane	1.584	64	95928	48.588	ug/L	99
9) Trichlorofluoromethane	1.754	101	220958	51.492	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	123926	54.515	ug/L	98
12) 1,1-Dichloroethene	2.117	96	118524	54.197	ug/L	90
13) Acetone	2.201	43	191661	105.026	ug/L	95
14) Carbon disulfide	2.294	76	330859	54.557	ug/L	100
15) Methyl Acetate	2.439	43	118066	48.838	ug/L	97
16) Methylene chloride	2.506	84	126571	52.396	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	118499	52.986	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	410945	52.618	ug/L	99
19) 1,1-Dichloroethane	3.188	63	228710	52.759	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	134194	53.154	ug/L	99
22) 2-Butanone	3.982	43	217136	105.667	ug/L	95
23) Bromochloromethane	4.246	128	63813	52.526	ug/L	98
25) Chloroform	4.371	83	235912	52.299	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	187172	52.936	ug/L	98
29) Cyclohexane	4.674	56	210210	52.530	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	212334	51.793	ug/L	100
31) Carbon tetrachloride	4.825	117	178998	52.870	ug/L	99
33) Benzene	5.098	78	505639	51.835	ug/L	100
34) Trichloroethene	5.911	95	140523	51.129	ug/L	100
35) Methylcyclohexane	6.127	83	220220	53.105	ug/L	99
37) 1,2-Dichloropropane	6.172	63	135176	52.554	ug/L	100
38) Bromodichloromethane	6.506	83	184522	51.169	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	227647	53.920	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	388603	107.871	ug/L	99
42) Toluene	7.384	91	545210	52.170	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	220942	53.886	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	126048	51.259	ug/L	99
46) Tetrachloroethene	7.972	164	86839	53.181	ug/L	99
48) 2-Hexanone	8.136	43	335927	109.636	ug/L	99
49) Dibromochloromethane	8.243	129	136055	52.420	ug/L	100
50) 1,2-Dibromoethane	8.349	107	134086	52.437	ug/L	98
51) Chlorobenzene	8.879	112	338049	51.832	ug/L	100
52) Ethylbenzene	9.008	91	603895	52.216	ug/L	98
53) m,p-Xylene	9.136	106	228959	52.908	ug/L	99
54) o-Xylene	9.542	106	225059	52.076	ug/L	100
55) Styrene	9.558	104	382946	52.339	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	190119	53.992	ug/L	99
59) Bromoform	9.728	173	84578	54.877	ug/L	100
60) Isopropylbenzene	9.927	105	604751	53.033	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	167259	52.765	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	514959	52.883	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	520683	53.130	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	249806	53.571	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	248870	52.693	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	244854	52.524	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	45927	54.975	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	170570	55.158	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	153977	55.883	ug/L	100
71) Naphthalene	13.500	128	583019	57.716	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	153107	56.885	ug/L	99

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

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