

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030389.D
 Acq On : 04 Aug 2022 13:25
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV606

Quant Time: Aug 05 05:21:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:17:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	314398	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	281096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	136749	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102086	50.562	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.120%	
7) Chloroethane-d5	1.667	69	77764	54.636	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 109.280%	
11) 1,1-Dichloroethene-d2	2.307	63	191095	50.036	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.080%	
21) 2-Butanone-d5	4.465	46	199977	106.899	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 106.900%	
24) Chloroform-d	5.068	84	214556	51.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.240%	
26) 1,2-Dichloroethane-d4	5.958	65	143324	50.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.580%	
32) Benzene-d6	5.977	84	409145	50.814	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.620%	
36) 1,2-Dichloropropane-d6	7.312	67	132422	50.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 101.380%	
41) Toluene-d8	8.653	98	381151	50.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.440%	
43) trans-1,3-Dichloroprop...	8.952	79	64997	50.012	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.020%	
47) 2-Hexanone-d5	9.385	63	140992	105.883	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 105.880%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	176197	51.342	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 102.680%	
66) 1,2-Dichlorobenzene-d4	12.323	152	130326	49.135	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 98.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	120130	50.778	ug/L	100
3) Chloromethane	1.295	50	104546	51.393	ug/L	97
5) Vinyl chloride	1.374	62	109687	50.480	ug/L	100
6) Bromomethane	1.612	94	56614	55.444	ug/L	97
8) Chloroethane	1.685	64	65666	53.055	ug/L	98
9) Trichlorofluoromethane	1.886	101	165598	51.567	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	95928	50.223	ug/L	99
12) 1,1-Dichloroethene	2.319	96	87672	49.822	ug/L	89
13) Acetone	2.392	43	135723	98.993	ug/L	99
14) Carbon disulfide	2.514	76	292228	51.237	ug/L	100
15) Methyl Acetate	2.709	43	147193	51.868	ug/L	99
16) Methylene chloride	2.788	84	113462	50.849	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	104011	51.019	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	355714	51.308	ug/L	99
19) 1,1-Dichloroethane	3.611	63	203568	51.627	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	118127	51.509	ug/L	100
22) 2-Butanone	4.568	43	222649	102.942	ug/L	97
23) Bromochloromethane	4.910	128	57808	50.265	ug/L	97
25) Chloroform	5.099	83	212287	51.241	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.093	62	176935	51.313	ug/L	97
29) Cyclohexane	5.477	56	189014	50.580	ug/L	100
30) 1,1,1-Trichloroethane	5.391	97	184439	49.743	ug/L	100
31) Carbon tetrachloride	5.684	117	153357	50.113	ug/L	99
33) Benzene	6.044	78	450411	49.976	ug/L	100
34) Trichloroethene	7.129	95	124346	47.637	ug/L	87
35) Methylcyclohexane	7.385	83	189820	49.953	ug/L	99
37) 1,2-Dichloropropane	7.434	63	118679	49.526	ug/L	100
38) Bromodichloromethane	7.824	83	158031	49.829	ug/L	98
39) cis-1,3-Dichloropropene	8.367	75	183805	51.419	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	421396	100.982	ug/L	99
42) Toluene	8.720	91	483364	50.769	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	179149	51.204	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	113825	51.084	ug/L	98
46) Tetrachloroethene	9.275	164	82036	49.729	ug/L	98
48) 2-Hexanone	9.433	43	338090	104.274	ug/L	99
49) Dibromochloromethane	9.525	129	117971	49.766	ug/L	97
50) 1,2-Dibromoethane	9.610	107	120794	49.296	ug/L	98
51) Chlorobenzene	10.080	112	297127	50.093	ug/L	99
52) Ethylbenzene	10.195	91	526874	50.753	ug/L	100
53) m,p-Xylene	10.305	106	194628	50.300	ug/L	99
54) o-Xylene	10.647	106	196356	50.927	ug/L	95
55) Styrene	10.659	104	332467	51.211	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	173902	51.293	ug/L	97
59) Bromoform	10.799	173	77714	52.187	ug/L	100
60) Isopropylbenzene	10.964	105	509892	52.604	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	154424	52.583	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	444672	53.734	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	431632	51.648	ug/L	98
64) 1,3-Dichlorobenzene	11.970	146	212738	50.488	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	214606	50.101	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	212405	48.745	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	46771	48.280	ug/L	99
69) 1,3,5-Trichlorobenzene	13.116	180	141474	47.876	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	129590	49.935	ug/L	98
71) Naphthalene	13.774	128	529743	49.313	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	131958	48.137	ug/L	99

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

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