

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052621\
 Data File : VX022183.D
 Acq On : 25 May 2021 17:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV136

Quant Time: May 26 02:36:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML052621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 25 17:28:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	159676	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	144665	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64030	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	61975	51.019	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 102.040%			
7) Chloroethane-d5	1.660	69	48520	52.888	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.780%			
11) 1,1-Dichloroethene-d2	2.307	63	116222	52.209	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 104.420%			
21) 2-Butanone-d5	4.471	46	102826	106.997	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.000%			
24) Chloroform-d	5.068	84	118677	52.997	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.000%			
26) 1,2-Dichloroethane-d4	5.964	65	77633	52.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.600%			
32) Benzene-d6	5.983	84	245083	52.772	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.540%			
36) 1,2-Dichloropropane-d6	7.318	67	77036	52.929	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.860%			
41) Toluene-d8	8.653	98	226360	53.607	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.220%			
43) trans-1,3-Dichloroprop...	8.952	79	38791	54.150	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 108.300%			
47) 2-Hexanone-d5	9.391	63	76456	108.639	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.640%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	105371	52.926	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.860%			
66) 1,2-Dichlorobenzene-d4	12.323	152	72288	54.078	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	57358	48.932	ug/L	99
3) Chloromethane	1.295	50	57816	49.871	ug/L	98
5) Vinyl chloride	1.374	62	63292	50.054	ug/L	98
6) Bromomethane	1.599	94	33805	55.675	ug/L	96
8) Chloroethane	1.685	64	38359	50.872	ug/L	100
9) Trichlorofluoromethane	1.886	101	87435	50.097	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	50651	48.304	ug/L	91
12) 1,1-Dichloroethene	2.319	96	49746	49.619	ug/L	85
13) Acetone	2.392	43	58541	87.686	ug/L	99
14) Carbon disulfide	2.514	76	146595	50.371	ug/L	99
15) Methyl Acetate	2.709	43	67761	50.752	ug/L	96
16) Methylene chloride	2.794	84	58910	47.530	ug/L	88
17) trans-1,2-Dichloroethene	3.093	96	55027	49.898	ug/L	96
18) Methyl tert-butyl Ether	3.124	73	184909	49.365	ug/L	98
19) 1,1-Dichloroethane	3.617	63	104300	50.804	ug/L	100
20) cis-1,2-Dichloroethene	4.495	96	63361	50.480	ug/L	92
22) 2-Butanone	4.568	43	99148	95.507	ug/L	93
23) Bromochloromethane	4.904	128	29119	50.051	ug/L #	86
25) Chloroform	5.105	83	105129	50.170	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.099	62	82515	50.134	ug/L	99
29) Cyclohexane	5.477	56	97455	50.266	ug/L #	71
30) 1,1,1-Trichloroethane	5.391	97	92404	51.619	ug/L	98
31) Carbon tetrachloride	5.684	117	75317	50.948	ug/L	100
33) Benzene	6.050	78	240770	51.348	ug/L	100
34) Trichloroethene	7.135	95	58694	49.581	ug/L	99
35) Methylcyclohexane	7.385	83	98077	50.232	ug/L	99
37) 1,2-Dichloropropane	7.434	63	61168	50.912	ug/L	99
38) Bromodichloromethane	7.830	83	75903	50.610	ug/L	99
39) cis-1,3-Dichloropropene	8.373	75	96754	52.007	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	196001	103.552	ug/L	93
42) Toluene	8.726	91	252773	51.012	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	91601	50.259	ug/L	98
45) 1,1,2-Trichloroethane	9.159	97	58606	50.751	ug/L	98
46) Tetrachloroethene	9.281	164	38950	49.236	ug/L	91
48) 2-Hexanone	9.433	43	150654	99.802	ug/L	93
49) Dibromochloromethane	9.525	129	57131	52.118	ug/L	96
50) 1,2-Dibromoethane	9.616	107	60348	50.814	ug/L #	98
51) Chlorobenzene	10.086	112	155067	49.925	ug/L	100
52) Ethylbenzene	10.195	91	276305	50.124	ug/L	99
53) m,p-Xylene	10.305	106	105558	50.261	ug/L	98
54) o-Xylene	10.647	106	104377	51.140	ug/L	96
55) Styrene	10.659	104	173197	50.419	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.214	83	95725	50.861	ug/L	97
59) Bromoform	10.805	173	35356	53.653	ug/L #	99
60) Isopropylbenzene	10.964	105	268692	51.946	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	76798	51.906	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	224895	51.674	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	230625	52.369	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	106654	51.174	ug/L	92
65) 1,4-Dichlorobenzene	12.043	146	105858	50.609	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	107530	51.234	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	20678	54.933	ug/L	90
69) 1,3,5-Trichlorobenzene	13.116	180	69040	51.412	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	63250	52.024	ug/L	96
71) Naphthalene	13.780	128	270981	53.342	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	63895	52.328	ug/L	97

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

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