

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052621\
 Data File : VX022186.D
 Acq On : 25 May 2021 19:47
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050150

Quant Time: May 26 02:36:38 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	156000	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	142299	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	63781	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60456	50.941	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 101.880%	
7) Chloroethane-d5	1.660	69	47027	52.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 104.940%	
11) 1,1-Dichloroethene-d2	2.306	63	114284	52.548	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 105.100%	
21) 2-Butanone-d5	4.471	46	101206	107.793	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 107.790%	
24) Chloroform-d	5.074	84	117280	53.607	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.220%	
26) 1,2-Dichloroethane-d4	5.964	65	75197	52.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 104.700%	
32) Benzene-d6	5.983	84	242580	53.102	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.200%	
36) 1,2-Dichloropropane-d6	7.318	67	75165	52.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.000%	
41) Toluene-d8	8.653	98	219128	52.757	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 105.520%	
43) trans-1,3-Dichloroprop...	8.952	79	36120	51.259	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.520%	
47) 2-Hexanone-d5	9.391	63	75417	108.945	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 108.940%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	105107	53.672	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 107.340%	
66) 1,2-Dichlorobenzene-d4	12.323	152	72900	54.748	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 109.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57851	50.516	ug/L	98
3) Chloromethane	1.294	50	56925	50.260	ug/L	98
5) Vinyl chloride	1.374	62	62152	50.311	ug/L	100
6) Bromomethane	1.599	94	32825	55.335	ug/L	97
8) Chloroethane	1.685	64	38207	51.865	ug/L	95
9) Trichlorofluoromethane	1.886	101	85269	50.007	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	49080	47.909	ug/L	89
12) 1,1-Dichloroethene	2.319	96	47129	48.116	ug/L	78
13) Acetone	2.386	43	57234	87.748	ug/L	99
14) Carbon disulfide	2.514	76	141475	49.757	ug/L	98
15) Methyl Acetate	2.709	43	67489	51.739	ug/L	93
16) Methylene chloride	2.794	84	59568	49.194	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	55969	51.948	ug/L	96
18) Methyl tert-butyl Ether	3.123	73	185409	50.665	ug/L	98
19) 1,1-Dichloroethane	3.617	63	101657	50.683	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	62403	50.888	ug/L	96
22) 2-Butanone	4.574	43	97343	95.978	ug/L	94
23) Bromochloromethane	4.910	128	28820	50.705	ug/L	92
25) Chloroform	5.105	83	104606	51.097	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.098	62	83660	52.027	ug/L	99
29) Cyclohexane	5.477	56	94687	49.650	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	89677	50.929	ug/L	99
31) Carbon tetrachloride	5.684	117	74600	51.302	ug/L	100
33) Benzene	6.050	78	234009	50.736	ug/L	100
34) Trichloroethene	7.135	95	59844	51.393	ug/L	97
35) Methylcyclohexane	7.385	83	95225	49.582	ug/L	98
37) 1,2-Dichloropropane	7.440	63	59713	50.528	ug/L	100
38) Bromodichloromethane	7.830	83	76445	51.819	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	93642	51.171	ug/L	97
40) 4-Methyl-2-pentanone	8.580	43	192916	103.617	ug/L	95
42) Toluene	8.726	91	252341	51.771	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	89988	50.195	ug/L	97
45) 1,1,2-Trichloroethane	9.159	97	57643	50.747	ug/L	98
46) Tetrachloroethene	9.275	164	38671	49.697	ug/L	91
48) 2-Hexanone	9.433	43	150646	101.456	ug/L	91
49) Dibromochloromethane	9.525	129	55399	51.378	ug/L	92
50) 1,2-Dibromoethane	9.616	107	60362	51.671	ug/L	98
51) Chlorobenzene	10.086	112	151632	49.631	ug/L	99
52) Ethylbenzene	10.195	91	274257	50.580	ug/L	99
53) m,p-Xylene	10.305	106	103553	50.126	ug/L	97
54) o-Xylene	10.646	106	102605	51.108	ug/L	96
55) Styrene	10.659	104	172783	51.135	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.219	83	94369	50.974	ug/L	100
59) Bromoform	10.805	173	34272	52.211	ug/L	98
60) Isopropylbenzene	10.963	105	266983	51.818	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	76175	51.686	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	223178	51.480	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	226172	51.559	ug/L	99
64) 1,3-Dichlorobenzene	11.975	146	105185	50.666	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	107453	51.572	ug/L	93
67) 1,2-Dichlorobenzene	12.341	146	104419	49.946	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	20657	55.092	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.115	180	66688	49.855	ug/L	96
70) 1,2,4-trichlorobenzene	13.591	180	60075	49.605	ug/L	94
71) Naphthalene	13.780	128	268047	52.971	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	62999	51.796	ug/L	97

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

