

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081221\
 Data File : VX023676.D
 Acq On : 12 Aug 2021 16:06
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050686

Quant Time: Aug 13 01:03:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 13 01:00:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	306576	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	285052	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141252	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	73536	46.018	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.040%
7) Chloroethane-d5	1.660	69	65068	49.568	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.140%
11) 1,1-Dichloroethene-d2	2.306	63	172895	49.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.620%
21) 2-Butanone-d5	4.465	46	155810	101.137	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.140%
24) Chloroform-d	5.062	84	184574	51.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.020%
26) 1,2-Dichloroethane-d4	5.958	65	123601	49.831	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.660%
32) Benzene-d6	5.983	84	360472	50.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	7.312	67	112824	49.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.880%
41) Toluene-d8	8.653	98	347593	50.263	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.520%
43) trans-1,3-Dichloroprop...	8.952	79	52434	49.041	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.080%
47) 2-Hexanone-d5	9.384	63	117737	108.391	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.390%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	163102	54.191	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.380%
66) 1,2-Dichlorobenzene-d4	12.323	152	129736	52.340	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	101500	53.277	ug/L	100
3) Chloromethane	1.294	50	94060	51.900	ug/L	97
5) Vinyl chloride	1.374	62	98337	53.403	ug/L	100
6) Bromomethane	1.599	94	60985	53.307	ug/L	100
8) Chloroethane	1.685	64	62365	53.440	ug/L	99
9) Trichlorofluoromethane	1.886	101	167552	54.272	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	98954	54.862	ug/L	98
12) 1,1-Dichloroethene	2.319	96	84808	54.363	ug/L	89
13) Acetone	2.386	43	109666	80.853	ug/L	92
14) Carbon disulfide	2.514	76	155199	49.486	ug/L	100
15) Methyl Acetate	2.709	43	118103	52.250	ug/L	92
16) Methylene chloride	2.794	84	101985	52.506	ug/L	90
17) trans-1,2-Dichloroethene	3.093	96	86838	52.579	ug/L	93
18) Methyl tert-butyl Ether	3.123	73	324775	53.057	ug/L #	96
19) 1,1-Dichloroethane	3.611	63	182089	54.094	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	108303	54.274	ug/L	99
22) 2-Butanone	4.568	43	175714	95.068	ug/L	92
23) Bromochloromethane	4.910	128	56106	53.197	ug/L	95
25) Chloroform	5.099	83	196876	54.141	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	159210	54.285	ug/L	96
29) Cyclohexane	5.477	56	147931	53.930	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	166058	53.928	ug/L	98
31) Carbon tetrachloride	5.684	117	140905	54.491	ug/L	98
33) Benzene	6.044	78	403149	54.149	ug/L	100
34) Trichloroethene	7.129	95	107692	54.073	ug/L	96
35) Methylcyclohexane	7.385	83	158822	55.521	ug/L	98
37) 1,2-Dichloropropane	7.434	63	111298	54.487	ug/L	99
38) Bromodichloromethane	7.824	83	138395	54.313	ug/L	100
39) cis-1,3-Dichloropropene	8.372	75	162018	54.178	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	358047	108.771	ug/L	91
42) Toluene	8.720	91	453318	54.912	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	162109	53.824	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	111880	53.910	ug/L	98
46) Tetrachloroethene	9.275	164	83958	55.554	ug/L	95
48) 2-Hexanone	9.433	43	280845	105.648	ug/L #	88
49) Dibromochloromethane	9.525	129	113365	54.137	ug/L	99
50) 1,2-Dibromoethane	9.610	107	115003	54.125	ug/L	99
51) Chlorobenzene	10.079	112	298347	54.401	ug/L	99
52) Ethylbenzene	10.195	91	493062	54.564	ug/L	96
53) m,p-Xylene	10.305	106	190155	55.183	ug/L	98
54) o-Xylene	10.646	106	191551	55.806	ug/L	93
55) Styrene	10.659	104	326667	56.497	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	177383	56.233	ug/L	99
59) Bromoform	10.805	173	79358	52.395	ug/L #	98
60) Isopropylbenzene	10.963	105	507349	52.923	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	151180	53.209	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	424076	54.665	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	425992	54.008	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	226262	54.027	ug/L	95
65) 1,4-Dichlorobenzene	12.043	146	223212	53.541	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	225028	54.740	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	33746	51.010	ug/L	97
69) 1,3,5-Trichlorobenzene	13.115	180	158658	54.881	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	136230	54.719	ug/L	98
71) Naphthalene	13.780	128	480577	55.680	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	140978	54.968	ug/L	98

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

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