

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122021\
 Data File : VX025917.D
 Acq On : 20 Dec 2021 16:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050733

Quant Time: Dec 20 19:48:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 14:47:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	170232	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	170633	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	90097	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66525	48.473	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.940%
7) Chloroethane-d5	1.666	69	55503	48.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.860%
11) 1,1-Dichloroethene-d2	2.306	63	121462	50.955	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.900%
21) 2-Butanone-d5	4.452	46	98836	99.827	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.830%
24) Chloroform-d	5.062	84	128481	48.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
26) 1,2-Dichloroethane-d4	5.958	65	83973	48.940	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
32) Benzene-d6	5.977	84	252173	48.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.560%
36) 1,2-Dichloropropane-d6	7.312	67	76861	48.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.620%
41) Toluene-d8	8.653	98	242623	49.429	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.860%
43) trans-1,3-Dichloroprop...	8.952	79	34308	49.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.700%
47) 2-Hexanone-d5	9.384	63	71217	100.618	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.620%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	110968	49.748	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.500%
66) 1,2-Dichlorobenzene-d4	12.323	152	94878	49.959	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79376	53.984	ug/L	100
3) Chloromethane	1.294	50	74288	49.029	ug/L	98
5) Vinyl chloride	1.374	62	78566	50.954	ug/L	99
6) Bromomethane	1.605	94	53353	48.761	ug/L	99
8) Chloroethane	1.685	64	50197	49.206	ug/L	98
9) Trichlorofluoromethane	1.886	101	121196	53.251	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	60437	54.462	ug/L	88
12) 1,1-Dichloroethene	2.319	96	54580	51.203	ug/L	82
13) Acetone	2.380	43	77828	98.258	ug/L	96
14) Carbon disulfide	2.514	76	158673	50.728	ug/L	100
15) Methyl Acetate	2.703	43	71133	49.567	ug/L #	90
16) Methylene chloride	2.788	84	67187	49.145	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	62733	49.912	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	200174	49.689	ug/L	97
19) 1,1-Dichloroethane	3.611	63	113574	50.105	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	71150	49.916	ug/L	99
22) 2-Butanone	4.556	43	109922	97.820	ug/L	99
23) Bromochloromethane	4.904	128	36685	49.147	ug/L	90
25) Chloroform	5.093	83	121409	49.018	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	98623	49.676	ug/L	98
29) Cyclohexane	5.471	56	107490	53.686	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	105758	50.492	ug/L	97
31) Carbon tetrachloride	5.678	117	92203	51.671	ug/L	100
33) Benzene	6.037	78	265464	49.455	ug/L	100
34) Trichloroethene	7.129	95	70191	50.262	ug/L	96
35) Methylcyclohexane	7.385	83	115784	57.351	ug/L	98
37) 1,2-Dichloropropane	7.427	63	65590	49.282	ug/L	98
38) Bromodichloromethane	7.824	83	89814	49.845	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	99815	50.693	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	203142	99.617	ug/L	96
42) Toluene	8.720	91	294882	50.651	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	96264	52.061	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	67813	48.919	ug/L	99
46) Tetrachloroethene	9.275	164	55621	51.939	ug/L	97
48) 2-Hexanone	9.433	43	163331	98.309	ug/L	99
49) Dibromochloromethane	9.525	129	72678	50.144	ug/L	95
50) 1,2-Dibromoethane	9.610	107	73123	49.865	ug/L	97
51) Chlorobenzene	10.079	112	191353	50.348	ug/L	100
52) Ethylbenzene	10.195	91	322693	51.675	ug/L	97
53) m,p-Xylene	10.305	106	130543	52.509	ug/L	98
54) o-Xylene	10.640	106	125278	51.799	ug/L	89
55) Styrene	10.659	104	213205	52.285	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	107074	49.460	ug/L	99
59) Bromoform	10.799	173	48865	48.535	ug/L	98
60) Isopropylbenzene	10.963	105	328418	51.500	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	87071	47.963	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	280056	52.000	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	277227	51.236	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	148496	50.315	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	146955	49.732	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	144075	49.218	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	21016	49.558	ug/L	93
69) 1,3,5-Trichlorobenzene	13.115	180	100684	52.977	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	84822	54.288	ug/L	97
71) Naphthalene	13.780	128	293886	55.194	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	86028	54.988	ug/L	99

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

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