

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122321\
 Data File : VX025987.D
 Acq On : 23 Dec 2021 22:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050737

Quant Time: Dec 24 06:48:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	207289	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	197095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104634	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	77231	52.539	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.080%
7) Chloroethane-d5	1.666	69	61381	52.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.500%
11) 1,1-Dichloroethene-d2	2.313	63	151498	52.008	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.020%
21) 2-Butanone-d5	4.459	46	137004	107.501	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.500%
24) Chloroform-d	5.068	84	155420	52.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.660%
26) 1,2-Dichloroethane-d4	5.958	65	105279	52.859	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.720%
32) Benzene-d6	5.977	84	301888	53.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.420%
36) 1,2-Dichloropropane-d6	7.312	67	96334	54.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.260%
41) Toluene-d8	8.653	98	276526	52.206	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.420%
43) trans-1,3-Dichloroprop...	8.952	79	42714	55.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.340%
47) 2-Hexanone-d5	9.385	63	99756	109.608	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.610%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	140838	54.163	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.320%
66) 1,2-Dichlorobenzene-d4	12.323	152	104642	52.923	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	107848	52.056	ug/L	100
3) Chloromethane	1.295	50	103718	53.933	ug/L	99
5) Vinyl chloride	1.374	62	101703	53.284	ug/L	99
6) Bromomethane	1.605	94	65129	59.756	ug/L	99
8) Chloroethane	1.691	64	61460	53.329	ug/L	97
9) Trichlorofluoromethane	1.892	101	149910	51.903	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	76240	51.190	ug/L	94
12) 1,1-Dichloroethene	2.325	96	74152	53.232	ug/L	91
13) Acetone	2.380	43	87253	125.230	ug/L	93
14) Carbon disulfide	2.514	76	202130	52.538	ug/L	99
15) Methyl Acetate	2.709	43	104895	54.627	ug/L #	91
16) Methylene chloride	2.794	84	86995	53.715	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	79666	53.707	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	269505	55.928	ug/L	95
19) 1,1-Dichloroethane	3.617	63	152177	54.397	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	89980	54.353	ug/L	89
22) 2-Butanone	4.562	43	151143	116.508	ug/L	94
23) Bromochloromethane	4.904	128	45911	55.591	ug/L #	80
25) Chloroform	5.093	83	160452	54.973	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	134430	55.836	ug/L	95
29) Cyclohexane	5.477	56	131537	50.811	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	130702	54.461	ug/L	96
31) Carbon tetrachloride	5.684	117	110588	53.169	ug/L	99
33) Benzene	6.044	78	339434	54.235	ug/L	100
34) Trichloroethene	7.129	95	85419	53.356	ug/L	90
35) Methylcyclohexane	7.385	83	129829	51.237	ug/L	94
37) 1,2-Dichloropropane	7.434	63	88786	55.889	ug/L	98
38) Bromodichloromethane	7.824	83	115883	55.661	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	130837	57.315	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	300192	112.399	ug/L	94
42) Toluene	8.720	91	355938	53.404	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	124763	57.592	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	85310	55.597	ug/L	98
46) Tetrachloroethene	9.275	164	63553	52.036	ug/L	98
48) 2-Hexanone	9.433	43	235614	115.988	ug/L	95
49) Dibromochloromethane	9.525	129	88688	55.965	ug/L	95
50) 1,2-Dibromoethane	9.610	107	90325	55.122	ug/L	99
51) Chlorobenzene	10.080	112	223743	53.331	ug/L	95
52) Ethylbenzene	10.195	91	384955	53.254	ug/L	95
53) m,p-Xylene	10.305	106	146113	52.951	ug/L	93
54) o-Xylene	10.640	106	144854	52.997	ug/L	85
55) Styrene	10.659	104	250820	54.358	ug/L	92
57) 1,1,2,2-Tetrachloroethane	11.213	83	143247	55.554	ug/L	96
59) Bromoform	10.799	173	59822	55.358	ug/L	99
60) Isopropylbenzene	10.964	105	379171	52.744	ug/L	96
61) 1,2,3-Trichloropropane	11.238	75	115649	55.317	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	320677	53.277	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	324879	53.878	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	169713	52.910	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	169941	52.623	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	170133	53.646	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	30128	54.697	ug/L	83
69) 1,3,5-Trichlorobenzene	13.116	180	114350	53.104	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	104233	54.356	ug/L	96
71) Naphthalene	13.780	128	409492	56.488	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	106942	54.002	ug/L	98

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

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