

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061322\
 Data File : VX029455.D
 Acq On : 14 Jun 2022 08:05
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050756

Quant Time: Jun 14 08:27:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML061322WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 14 06:26:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	379713	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	351442	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	182154	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	139282	47.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.760%
7) Chloroethane-d5	1.666	69	104917	57.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.840%
11) 1,1-Dichloroethene-d2	2.307	63	256199	48.367	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.740%
21) 2-Butanone-d5	4.459	46	231775	103.979	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.980%
24) Chloroform-d	5.062	84	279670	49.823	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.640%
26) 1,2-Dichloroethane-d4	5.958	65	172714	47.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
32) Benzene-d6	5.977	84	546198	49.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.520%
36) 1,2-Dichloropropane-d6	7.312	67	163385	50.816	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.640%
41) Toluene-d8	8.653	98	501091	48.418	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.840%
43) trans-1,3-Dichloroprop...	8.952	79	67756	42.737	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.480%
47) 2-Hexanone-d5	9.385	63	185031	106.398	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.400%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	244771	51.918	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.840%
66) 1,2-Dichlorobenzene-d4	12.323	152	193094	50.988	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	170978	46.929	ug/L	99
3) Chloromethane	1.288	50	163571	47.871	ug/L	98
5) Vinyl chloride	1.374	62	161211	48.742	ug/L	98
6) Bromomethane	1.612	94	71363	45.985	ug/L	99
8) Chloroethane	1.685	64	94426	55.678	ug/L	96
9) Trichlorofluoromethane	1.886	101	222682	47.085	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	129649	46.560	ug/L	98
12) 1,1-Dichloroethene	2.319	96	125530	48.756	ug/L	88
13) Acetone	2.386	43	135923	91.490	ug/L	95
14) Carbon disulfide	2.514	76	325778	46.141	ug/L	100
15) Methyl Acetate	2.709	43	149252	50.642	ug/L	93
16) Methylene chloride	2.788	84	142827	50.058	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	133828	48.535	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	444679	48.147	ug/L	97
19) 1,1-Dichloroethane	3.611	63	242025	49.692	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	154624	49.615	ug/L	93
22) 2-Butanone	4.562	43	222393	99.439	ug/L	94
23) Bromochloromethane	4.904	128	76681	49.713	ug/L	95
25) Chloroform	5.099	83	266649	49.509	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	197576	48.013	ug/L	99
29) Cyclohexane	5.477	56	224865	47.936	ug/L	93
30) 1,1,1-Trichloroethane	5.391	97	228610	46.903	ug/L	98
31) Carbon tetrachloride	5.684	117	182718	46.702	ug/L	99
33) Benzene	6.044	78	574828	50.018	ug/L	100
34) Trichloroethene	7.129	95	159833	39.461	ug/L	98
35) Methylcyclohexane	7.385	83	236690	46.289	ug/L	97
37) 1,2-Dichloropropane	7.434	63	140133	50.016	ug/L	100
38) Bromodichloromethane	7.824	83	189360	47.482	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	196580	43.899	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	426307	101.791	ug/L	94
42) Toluene	8.720	91	621017	49.589	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	181992	43.328	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	145568	49.189	ug/L	100
46) Tetrachloroethene	9.275	164	108537	46.683	ug/L	95
48) 2-Hexanone	9.433	43	333921	102.931	ug/L	93
49) Dibromochloromethane	9.525	129	144098	46.702	ug/L	99
50) 1,2-Dibromoethane	9.610	107	154142	48.807	ug/L	99
51) Chlorobenzene	10.080	112	392189	49.333	ug/L	98
52) Ethylbenzene	10.195	91	682037	49.763	ug/L	100
53) m,p-Xylene	10.305	106	267734	49.765	ug/L	94
54) o-Xylene	10.647	106	264038	49.761	ug/L	98
55) Styrene	10.659	104	453257	50.810	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.214	83	232842	50.771	ug/L	97
59) Bromoform	10.799	173	94867	46.774	ug/L	99
60) Isopropylbenzene	10.964	105	692641	48.683	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	186874	49.051	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	593492	48.843	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	587612	48.705	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	287851	48.839	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	288266	48.450	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	297491	50.044	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	51280	48.939	ug/L	97
69) 1,3,5-Trichlorobenzene	13.116	180	193354	47.940	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	176475	48.583	ug/L	99
71) Naphthalene	13.774	128	680585	50.874	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	178511	48.648	ug/L	98

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

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