

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081122\
 Data File : VX030564.D
 Acq On : 11 Aug 2022 11:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050777

Quant Time: Aug 12 04:12:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	267932	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	241799	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	124814	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	78957	45.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.780%
7) Chloroethane-d5	1.666	69	63909	52.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.380%
11) 1,1-Dichloroethene-d2	2.306	63	162699	49.989	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.980%
21) 2-Butanone-d5	4.471	46	194773	122.173	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.170%
24) Chloroform-d	5.062	84	197821	55.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.700%
26) 1,2-Dichloroethane-d4	5.958	65	134119	55.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.540%
32) Benzene-d6	5.976	84	361305	52.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.320%
36) 1,2-Dichloropropane-d6	7.312	67	122864	54.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.340%
41) Toluene-d8	8.647	98	329182	50.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.840%
43) trans-1,3-Dichloroprop...	8.951	79	60658	54.259	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.520%
47) 2-Hexanone-d5	9.384	63	131716	114.993	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.990%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	172978	58.596	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	117.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	125442	51.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	102552	50.866	ug/L	100
3) Chloromethane	1.288	50	77811	44.884	ug/L	98
5) Vinyl chloride	1.374	62	89320	48.236	ug/L	100
6) Bromomethane	1.611	94	29124	33.469	ug/L	100
8) Chloroethane	1.691	64	55510	52.628	ug/L	97
9) Trichlorofluoromethane	1.886	101	144796	52.909	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	87072	53.492	ug/L	98
12) 1,1-Dichloroethene	2.319	96	75551	50.379	ug/L	82
13) Acetone	2.398	43	143629	122.927	ug/L	96
14) Carbon disulfide	2.507	76	229526	47.222	ug/L	100
15) Methyl Acetate	2.709	43	126502	52.307	ug/L	97
16) Methylene chloride	2.788	84	96601	50.801	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	88078	50.696	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	313942	53.136	ug/L	99
19) 1,1-Dichloroethane	3.611	63	179844	53.521	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	101013	51.685	ug/L	99
22) 2-Butanone	4.568	43	199664	108.325	ug/L	99
23) Bromochloromethane	4.897	128	49675	50.684	ug/L	94
25) Chloroform	5.098	83	191026	54.106	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	157680	53.660	ug/L	98
29) Cyclohexane	5.470	56	161011	50.089	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	164072	51.442	ug/L	99
31) Carbon tetrachloride	5.678	117	138038	52.438	ug/L	100
33) Benzene	6.037	78	392761	50.662	ug/L	100
34) Trichloroethene	7.129	95	104324	46.462	ug/L	87
35) Methylcyclohexane	7.379	83	161946	49.544	ug/L	98
37) 1,2-Dichloropropane	7.433	63	105484	51.174	ug/L	99
38) Bromodichloromethane	7.824	83	145492	53.331	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	162019	52.691	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	376737	104.952	ug/L	98
42) Toluene	8.720	91	414183	50.573	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	159235	52.909	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	98977	51.639	ug/L	99
46) Tetrachloroethene	9.275	164	69471	48.956	ug/L	99
48) 2-Hexanone	9.433	43	304265	109.093	ug/L	98
49) Dibromochloromethane	9.525	129	104251	51.125	ug/L	99
50) 1,2-Dibromoethane	9.610	107	105054	49.841	ug/L	96
51) Chlorobenzene	10.079	112	261117	51.177	ug/L	98
52) Ethylbenzene	10.195	91	464735	52.043	ug/L	99
53) m,p-Xylene	10.305	106	172039	51.688	ug/L	95
54) o-Xylene	10.646	106	169197	51.015	ug/L	97
55) Styrene	10.658	104	292224	52.328	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	161900	55.514	ug/L	99
59) Bromoform	10.799	173	69889	51.420	ug/L	99
60) Isopropylbenzene	10.963	105	457106	51.667	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	137768	51.398	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	400267	52.993	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	391403	51.312	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	190328	49.488	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	193202	49.417	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	203252	51.105	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	47120	53.292	ug/L	95
69) 1,3,5-Trichlorobenzene	13.115	180	140003	51.909	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	120367	50.817	ug/L	94
71) Naphthalene	13.780	128	484892	49.454	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	124531	49.772	ug/L	99

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

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