

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
 Data File : VX030505.D
 Acq On : 08 Aug 2022 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050771

Quant Time: Aug 09 00:11:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	317862	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	290617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149808	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	76442	37.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.900%
7) Chloroethane-d5	1.666	69	55584	38.627	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.260%
11) 1,1-Dichloroethene-d2	2.307	63	166478	43.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.240%
21) 2-Butanone-d5	4.465	46	197084	104.204	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.200%
24) Chloroform-d	5.056	84	189530	45.105	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.958	65	128459	45.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.040%
32) Benzene-d6	5.977	84	335245	40.272	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.540%
36) 1,2-Dichloropropane-d6	7.312	67	116122	42.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.980%
41) Toluene-d8	8.653	98	303983	38.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.480%#
43) trans-1,3-Dichloroprop...	8.952	79	55604	41.383	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.760%
47) 2-Hexanone-d5	9.385	63	131648	95.627	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.630%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	165014	46.508	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.020%
66) 1,2-Dichlorobenzene-d4	12.323	152	116742	40.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	121524	50.808	ug/L	98
3) Chloromethane	1.295	50	107401	52.221	ug/L	100
5) Vinyl chloride	1.374	62	111353	50.689	ug/L	97
6) Bromomethane	1.612	94	51848	50.223	ug/L	95
8) Chloroethane	1.685	64	63636	50.855	ug/L	99
9) Trichlorofluoromethane	1.886	101	165070	50.842	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	103220	53.451	ug/L	98
12) 1,1-Dichloroethene	2.319	96	90141	50.667	ug/L #	79
13) Acetone	2.392	43	135851	98.006	ug/L	98
14) Carbon disulfide	2.508	76	270589	46.926	ug/L	99
15) Methyl Acetate	2.709	43	149322	52.044	ug/L	99
16) Methylene chloride	2.788	84	111552	49.449	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	100008	48.521	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	346022	49.366	ug/L	99
19) 1,1-Dichloroethane	3.611	63	202390	50.769	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	112353	48.457	ug/L	92
22) 2-Butanone	4.562	43	228125	104.325	ug/L	100
23) Bromochloromethane	4.904	128	56416	48.520	ug/L	95
25) Chloroform	5.099	83	210095	50.160	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	179481	51.484	ug/L	95
29) Cyclohexane	5.471	56	189341	49.007	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	180354	47.048	ug/L	98
31) Carbon tetrachloride	5.678	117	152547	48.215	ug/L	100
33) Benzene	6.038	78	445483	47.810	ug/L	100
34) Trichloroethene	7.129	95	122711	45.471	ug/L	85
35) Methylcyclohexane	7.379	83	187198	47.649	ug/L	98
37) 1,2-Dichloropropane	7.434	63	116363	46.969	ug/L	99
38) Bromodichloromethane	7.824	83	156874	47.844	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	175091	47.377	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	438061	101.536	ug/L	98
42) Toluene	8.720	91	468883	47.635	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	179563	49.641	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	109613	47.582	ug/L	97
46) Tetrachloroethene	9.275	164	78972	46.303	ug/L	99
48) 2-Hexanone	9.433	43	353881	105.569	ug/L	99
49) Dibromochloromethane	9.525	129	117312	47.866	ug/L	94
50) 1,2-Dibromoethane	9.610	107	120157	47.430	ug/L	99
51) Chlorobenzene	10.080	112	290566	47.382	ug/L	98
52) Ethylbenzene	10.195	91	519945	48.445	ug/L	99
53) m,p-Xylene	10.305	106	195082	48.766	ug/L	98
54) o-Xylene	10.647	106	190296	47.738	ug/L	99
55) Styrene	10.659	104	332583	49.551	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	170092	48.525	ug/L	100
59) Bromoform	10.799	173	74796	45.849	ug/L	100
60) Isopropylbenzene	10.964	105	510599	48.085	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	153009	47.560	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	448970	49.524	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	443208	48.410	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	219816	47.620	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	220570	47.005	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	216438	45.341	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	48855	46.035	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	144063	44.503	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	133882	47.092	ug/L	95
71) Naphthalene	13.780	128	534575	45.425	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	135793	45.218	ug/L	99

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

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