

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082222\
 Data File : VX030707.D
 Acq On : 22 Aug 2022 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050793

Quant Time: Aug 23 01:58:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 20 02:12:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	324820	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	295095	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	150827	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	90177	43.231	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.460%
7) Chloroethane-d5	1.666	69	70380	47.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.720%
11) 1,1-Dichloroethene-d2	2.307	63	181394	45.972	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.940%
21) 2-Butanone-d5	4.459	46	173728	89.887	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.890%
24) Chloroform-d	5.056	84	203098	47.298	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.958	65	123757	42.446	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.900%
32) Benzene-d6	5.977	84	404912	47.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	7.306	67	137533	50.149	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.300%
41) Toluene-d8	8.647	98	374131	46.955	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.920%
43) trans-1,3-Dichloroprop...	8.952	79	63295	46.392	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.780%
47) 2-Hexanone-d5	9.385	63	134443	96.175	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.170%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	188911	52.435	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.880%
66) 1,2-Dichlorobenzene-d4	12.323	152	142649	48.761	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	99817	40.838	ug/L	99
3) Chloromethane	1.295	50	91657	43.611	ug/L	99
5) Vinyl chloride	1.374	62	107031	47.677	ug/L	99
6) Bromomethane	1.612	94	45433	43.067	ug/L	97
8) Chloroethane	1.685	64	61346	47.975	ug/L	99
9) Trichlorofluoromethane	1.886	101	155919	46.995	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	109621	55.550	ug/L	99
12) 1,1-Dichloroethene	2.319	96	99689	54.833	ug/L #	65
13) Acetone	2.386	43	121039	85.450	ug/L	89
14) Carbon disulfide	2.508	76	240360	40.791	ug/L	100
15) Methyl Acetate	2.709	43	125674	42.864	ug/L	93
16) Methylene chloride	2.788	84	118521	51.412	ug/L	88
17) trans-1,2-Dichloroethene	3.093	96	102503	48.666	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	352108	49.158	ug/L	96
19) 1,1-Dichloroethane	3.611	63	200658	49.256	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	125192	52.838	ug/L	84
22) 2-Butanone	4.562	43	193482	86.587	ug/L	90
23) Bromochloromethane	4.904	128	63804	53.699	ug/L	86
25) Chloroform	5.093	83	217061	50.713	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	152542	42.820	ug/L	100
29) Cyclohexane	5.471	56	165685	42.234	ug/L	96
30) 1,1,1-Trichloroethane	5.385	97	180926	46.481	ug/L	96
31) Carbon tetrachloride	5.678	117	158746	49.413	ug/L	99
33) Benzene	6.038	78	460277	48.648	ug/L	100
34) Trichloroethene	7.123	95	127228	46.429	ug/L	86
35) Methylcyclohexane	7.379	83	180209	45.174	ug/L	95
37) 1,2-Dichloropropane	7.428	63	123427	49.064	ug/L	99
38) Bromodichloromethane	7.824	83	170726	51.279	ug/L	94
39) cis-1,3-Dichloropropene	8.366	75	194000	51.696	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	358641	81.866	ug/L #	90
42) Toluene	8.720	91	493766	49.402	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	183738	50.024	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	127454	54.487	ug/L	96
46) Tetrachloroethene	9.275	164	84986	49.073	ug/L	97
48) 2-Hexanone	9.433	43	279527	82.122	ug/L	91
49) Dibromochloromethane	9.519	129	141778	56.971	ug/L	99
50) 1,2-Dibromoethane	9.610	107	129379	50.295	ug/L	99
51) Chlorobenzene	10.080	112	320015	51.392	ug/L	95
52) Ethylbenzene	10.195	91	541657	49.702	ug/L	98
53) m,p-Xylene	10.299	106	207777	51.151	ug/L	98
54) o-Xylene	10.640	106	204376	50.492	ug/L	95
55) Styrene	10.659	104	361776	53.082	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	193031	54.234	ug/L	99
59) Bromoform	10.799	173	100363	61.105	ug/L	100
60) Isopropylbenzene	10.964	105	539172	50.432	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	157709	48.689	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	463005	50.727	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	460649	49.975	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	241929	52.056	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	244604	51.774	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	244246	50.821	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	46597	43.611	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.116	180	162624	49.897	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	148343	51.826	ug/L	97
71) Naphthalene	13.780	128	595518	50.262	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	156142	51.643	ug/L	99

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

