

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081922\
 Data File : VX030694.D
 Acq On : 19 Aug 2022 10:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050791

Quant Time: Aug 20 02:10:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 04:21:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	325540	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	294729	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	153419	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	105481	50.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.920%
7) Chloroethane-d5	1.666	69	80532	54.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.280%
11) 1,1-Dichloroethene-d2	2.306	63	211677	53.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.060%
21) 2-Butanone-d5	4.465	46	191711	98.973	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.970%
24) Chloroform-d	5.062	84	230141	53.478	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.960%
26) 1,2-Dichloroethane-d4	5.958	65	139681	47.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
32) Benzene-d6	5.976	84	457497	54.190	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.380%
36) 1,2-Dichloropropane-d6	7.312	67	150679	55.011	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.020%
41) Toluene-d8	8.653	98	425253	53.438	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.880%
43) trans-1,3-Dichloroprop...	8.952	79	68180	50.035	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.080%
47) 2-Hexanone-d5	9.384	63	149428	107.027	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.030%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	212989	59.192	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	118.380%
66) 1,2-Dichlorobenzene-d4	12.323	152	161358	54.225	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	108835	44.430	ug/L	99
3) Chloromethane	1.294	50	103126	48.960	ug/L	97
5) Vinyl chloride	1.374	62	114294	50.800	ug/L	97
6) Bromomethane	1.611	94	41995	39.720	ug/L	99
8) Chloroethane	1.685	64	67541	52.702	ug/L	95
9) Trichlorofluoromethane	1.886	101	168637	50.716	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	122627	62.003	ug/L	97
12) 1,1-Dichloroethene	2.319	96	106865	58.650	ug/L	75
13) Acetone	2.386	43	121746	85.759	ug/L	88
14) Carbon disulfide	2.514	76	252901	42.824	ug/L	99
15) Methyl Acetate	2.709	43	142499	48.495	ug/L	96
16) Methylene chloride	2.788	84	129837	56.196	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	114075	54.041	ug/L	89
18) Methyl tert-butyl Ether	3.117	73	381773	53.182	ug/L	96
19) 1,1-Dichloroethane	3.611	63	222638	54.531	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	133076	56.042	ug/L	87
22) 2-Butanone	4.562	43	205565	91.791	ug/L	93
23) Bromochloromethane	4.897	128	67987	57.093	ug/L	91
25) Chloroform	5.099	83	237947	55.469	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	170589	47.780	ug/L	98
29) Cyclohexane	5.470	56	184135	46.995	ug/L	96
30) 1,1,1-Trichloroethane	5.391	97	195196	50.209	ug/L	97
31) Carbon tetrachloride	5.678	117	162636	50.687	ug/L	98
33) Benzene	6.037	78	508654	53.828	ug/L	100
34) Trichloroethene	7.123	95	137950	50.404	ug/L	92
35) Methylcyclohexane	7.379	83	198473	49.814	ug/L	96
37) 1,2-Dichloropropane	7.434	63	138309	55.048	ug/L	99
38) Bromodichloromethane	7.824	83	176568	53.099	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	199609	53.257	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	404192	92.379	ug/L	93
42) Toluene	8.720	91	541353	54.230	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	200407	54.630	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	137424	58.822	ug/L	100
46) Tetrachloroethene	9.275	164	90792	52.491	ug/L	98
48) 2-Hexanone	9.433	43	316493	93.098	ug/L	94
49) Dibromochloromethane	9.525	129	139590	56.162	ug/L	98
50) 1,2-Dibromoethane	9.610	107	140739	54.779	ug/L	98
51) Chlorobenzene	10.079	112	349845	56.253	ug/L	95
52) Ethylbenzene	10.195	91	594255	54.596	ug/L	99
53) m,p-Xylene	10.305	106	228096	56.223	ug/L	96
54) o-Xylene	10.646	106	225488	55.777	ug/L	94
55) Styrene	10.659	104	401062	58.920	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	210324	59.166	ug/L	99
59) Bromoform	10.799	173	92739	55.510	ug/L	99
60) Isopropylbenzene	10.963	105	589567	54.214	ug/L	97
61) 1,2,3-Trichloropropane	11.244	75	173853	52.767	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	513890	55.351	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	520672	55.532	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	268687	56.837	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	264654	55.072	ug/L	93
67) 1,2-Dichlorobenzene	12.335	146	273109	55.866	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	51716	47.584	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.115	180	182455	55.036	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	164908	56.640	ug/L	99
71) Naphthalene	13.780	128	652502	54.141	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	173603	56.448	ug/L	99

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

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