

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092322\
 Data File : VU050934.D
 Acq On : 23 Sep 2022 21:02
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050094

Quant Time: Sep 24 00:28:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 24 00:22:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	456570	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	443128	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	217428	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	180285	38.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.220%
7) Chloroethane-d5	1.910	69	148792	44.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.340%
11) 1,1-Dichloroethene-d2	2.569	63	317073	43.077	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.160%
21) 2-Butanone-d5	4.620	46	353316	115.693	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.690%
24) Chloroform-d	5.061	84	351992	47.482	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
26) 1,2-Dichloroethane-d4	5.700	65	220802	48.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
32) Benzene-d6	5.726	84	693071	47.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	6.687	67	230409	46.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.540%
41) Toluene-d8	7.896	98	623812	48.894	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.780%
43) trans-1,3-Dichloroprop...	8.176	79	102924	48.022	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.040%
47) 2-Hexanone-d5	8.630	63	208981	102.931	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.930%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	363191	48.353	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.700%
66) 1,2-Dichlorobenzene-d4	12.189	152	226140	49.675	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	218913	46.305	ug/L	100
3) Chloromethane	1.520	50	248396	45.195	ug/L	98
5) Vinyl chloride	1.604	62	253752	47.160	ug/L	100
6) Bromomethane	1.852	94	148293	54.554	ug/L	99
8) Chloroethane	1.932	64	150686	50.581	ug/L	97
9) Trichlorofluoromethane	2.138	101	295617	50.651	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.582	101	185013	49.526	ug/L	99
12) 1,1-Dichloroethene	2.582	96	169534	48.300	ug/L	89
13) Acetone	2.627	43	245621	94.986	ug/L	98
14) Carbon disulfide	2.794	76	523160	47.134	ug/L	99
15) Methyl Acetate	2.945	43	252226	51.686	ug/L	98
16) Methylene chloride	3.045	84	211033	43.300	ug/L	98
17) trans-1,2-Dichloroethene	3.353	96	176133	48.958	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	551126	50.252	ug/L	99
19) 1,1-Dichloroethane	3.868	63	350243	48.181	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	198740	49.823	ug/L	99
22) 2-Butanone	4.697	43	378865	111.152	ug/L	99
23) Bromochloromethane	4.974	128	101786	48.687	ug/L	96
25) Chloroform	5.086	83	360910	49.818	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	275077	49.963	ug/L	100
29) Cyclohexane	5.388	56	302333	49.578	ug/L	98
30) 1,1,1-Trichloroethane	5.315	97	299089	50.734	ug/L	98
31) Carbon tetrachloride	5.524	117	245857	50.201	ug/L	99
33) Benzene	5.771	78	819015	50.223	ug/L	100
34) Trichloroethene	6.540	95	198545	52.413	ug/L	99
35) Methylcyclohexane	6.761	83	309621	50.727	ug/L	97
37) 1,2-Dichloropropane	6.790	63	218570	48.980	ug/L	100
38) Bromodichloromethane	7.102	83	268973	50.589	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	297201	49.769	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	687765	111.833	ug/L	100
42) Toluene	7.967	91	840347	51.908	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	286758	50.480	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	207490	50.455	ug/L	98
46) Tetrachloroethene	8.549	164	134397	49.371	ug/L	99
48) 2-Hexanone	8.681	43	583184	113.485	ug/L	100
49) Dibromochloromethane	8.806	129	205465	50.955	ug/L	100
50) 1,2-Dibromoethane	8.922	107	218988	51.325	ug/L	100
51) Chlorobenzene	9.446	112	501082	50.699	ug/L	98
52) Ethylbenzene	9.568	91	836926	51.821	ug/L	99
53) m,p-Xylene	9.691	106	322120	53.647	ug/L	98
54) o-Xylene	10.099	106	316156	52.845	ug/L	97
55) Styrene	10.112	104	552469	53.861	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.781	83	361468	47.503	ug/L	99
59) Bromoform	10.289	173	153624	48.952	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	299398	48.955	ug/L	100
61) Isopropylbenzene	10.482	105	812461	52.288	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	668649	52.347	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	673885	53.273	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	358874	50.506	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	358665	49.719	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	378142	50.260	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.993	75	90739	53.945	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	243756	49.031	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	206138	50.667	ug/L	99
71) Naphthalene	14.083	128	858174	54.884	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	238833	52.451	ug/L	99

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

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