

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051187.D
 Acq On : 06 Oct 2022 21:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050111

Quant Time: Oct 07 01:35:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	468495	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	475955	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	233671	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	193976	40.855	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.700%
7) Chloroethane-d5	1.900	69	160666	36.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.860%
11) 1,1-Dichloroethene-d2	2.562	63	298759	42.598	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.200%
21) 2-Butanone-d5	4.620	46	227598	73.909	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.910%
24) Chloroform-d	5.060	84	318301	41.611	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.220%
26) 1,2-Dichloroethane-d4	5.700	65	191495	40.444	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.880%
32) Benzene-d6	5.726	84	628732	45.110	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.220%
36) 1,2-Dichloropropane-d6	6.687	67	206337	45.623	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.240%
41) Toluene-d8	7.896	98	574835	44.639	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.280%
43) trans-1,3-Dichloroprop...	8.176	79	84262	39.061	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.120%
47) 2-Hexanone-d5	8.629	63	121069	66.296	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.300%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	318107	40.245	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.500%
66) 1,2-Dichlorobenzene-d4	12.192	152	199063	39.878	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.760%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	170229	43.331	ug/L	99
3) Chloromethane	1.523	50	226656	48.831	ug/L	98
5) Vinyl chloride	1.601	62	235505	47.808	ug/L	99
6) Bromomethane	1.835	94	190704	46.737	ug/L	100
8) Chloroethane	1.922	64	147963	40.905	ug/L	100
9) Trichlorofluoromethane	2.131	101	263315	39.754	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	159684	44.647	ug/L	98
12) 1,1-Dichloroethene	2.575	96	152186	45.552	ug/L	92
13) Acetone	2.623	43	183874	74.774	ug/L	97
14) Carbon disulfide	2.787	76	444735	45.033	ug/L	100
15) Methyl Acetate	2.945	43	200719	44.709	ug/L	97
16) Methylene chloride	3.041	84	207098	43.181	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	160763	45.231	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	508236	47.053	ug/L	99
19) 1,1-Dichloroethane	3.864	63	334208	49.501	ug/L	99
20) cis-1,2-Dichloroethene	4.662	96	186711	47.048	ug/L	95
22) 2-Butanone	4.700	43	286853	84.430	ug/L	98
23) Bromochloromethane	4.970	128	100866	46.387	ug/L	92
25) Chloroform	5.086	83	346649	47.203	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	262941	46.741	ug/L	100
29) Cyclohexane	5.385	56	237265	51.197	ug/L	97
30) 1,1,1-Trichloroethane	5.311	97	269566	48.293	ug/L	99
31) Carbon tetrachloride	5.520	117	215302	47.274	ug/L	99
33) Benzene	5.771	78	768661	52.973	ug/L	100
34) Trichloroethene	6.539	95	173284	46.107	ug/L	99
35) Methylcyclohexane	6.761	83	242465	47.401	ug/L	96
37) 1,2-Dichloropropane	6.790	63	208664	53.401	ug/L	99
38) Bromodichloromethane	7.102	83	255108	48.921	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	264724	47.837	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	559654	98.899	ug/L	98
42) Toluene	7.967	91	806029	52.224	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	255912	45.737	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	202447	47.831	ug/L	99
46) Tetrachloroethene	8.552	164	129211	45.366	ug/L	98
48) 2-Hexanone	8.681	43	474240	92.267	ug/L	98
49) Dibromochloromethane	8.806	129	200280	45.007	ug/L	99
50) 1,2-Dibromoethane	8.922	107	207631	45.246	ug/L	98
51) Chlorobenzene	9.446	112	484579	46.168	ug/L	99
52) Ethylbenzene	9.568	91	768127	46.658	ug/L	98
53) m,p-Xylene	9.690	106	304558	49.195	ug/L	100
54) o-Xylene	10.099	106	303907	49.113	ug/L	98
55) Styrene	10.111	104	536168	50.133	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	365577	48.804	ug/L	98
59) Bromoform	10.288	173	147275	42.836	ug/L	98
60) 1,2,3-Trichloropropane	10.819	75	284179	46.214	ug/L	98
61) Isopropylbenzene	10.481	105	743957	49.011	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	617314	49.734	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	618550	49.721	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	348965	44.594	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	347970	44.484	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	367966	45.767	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	71967	40.105	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	217202	40.930	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	168956	38.914	ug/L	99
71) Naphthalene	14.086	128	626350	40.305	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	202398	41.775	ug/L	100

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

