

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU051001.D
 Acq On : 29 Sep 2022 23:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050100

Quant Time: Sep 30 01:53:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	338961	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	342785	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	165389	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	151069	43.977	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.960%
7) Chloroethane-d5	1.903	69	173013	54.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.440%
11) 1,1-Dichloroethene-d2	2.565	63	232363	45.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.580%
21) 2-Butanone-d5	4.623	46	206078	92.494	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.490%
24) Chloroform-d	5.060	84	267541	48.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	5.700	65	162971	47.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
32) Benzene-d6	5.726	84	527315	52.532	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.060%
36) 1,2-Dichloropropane-d6	6.687	67	170456	52.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.660%
41) Toluene-d8	7.896	98	487408	52.554	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.100%
43) trans-1,3-Dichloroprop...	8.176	79	74093	47.691	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.380%
47) 2-Hexanone-d5	8.632	63	124470	94.638	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.640%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	268813	47.221	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	12.192	152	171015	48.403	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	127978	45.025	ug/L	99
3) Chloromethane	1.520	50	157355	46.856	ug/L	100
5) Vinyl chloride	1.604	62	161088	45.198	ug/L	99
6) Bromomethane	1.851	94	137130	46.450	ug/L	100
8) Chloroethane	1.925	64	119813	45.781	ug/L	97
9) Trichlorofluoromethane	2.134	101	234065	48.842	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	116885	45.169	ug/L	100
12) 1,1-Dichloroethene	2.578	96	112486	46.536	ug/L	95
13) Acetone	2.630	43	145734	81.912	ug/L	99
14) Carbon disulfide	2.790	76	323641	45.295	ug/L	99
15) Methyl Acetate	2.948	43	155282	47.806	ug/L	98
16) Methylene chloride	3.041	84	146503	42.220	ug/L	100
17) trans-1,2-Dichloroethene	3.353	96	120641	46.913	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	379379	48.546	ug/L	100
19) 1,1-Dichloroethane	3.867	63	236808	48.479	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	139973	48.749	ug/L	96
22) 2-Butanone	4.700	43	230202	93.649	ug/L	99
23) Bromochloromethane	4.973	128	76482	48.615	ug/L	98
25) Chloroform	5.086	83	258468	48.645	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	197056	48.415	ug/L	98
29) Cyclohexane	5.388	56	167233	50.104	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	204511	50.872	ug/L	100
31) Carbon tetrachloride	5.523	117	162382	49.506	ug/L	98
33) Benzene	5.771	78	572340	54.767	ug/L	100
34) Trichloroethene	6.539	95	135263	49.972	ug/L	98
35) Methylcyclohexane	6.761	83	174781	47.443	ug/L	98
37) 1,2-Dichloropropane	6.790	63	150303	53.409	ug/L	100
38) Bromodichloromethane	7.102	83	195706	52.110	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	199208	49.983	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	428492	105.138	ug/L	99
42) Toluene	7.967	91	596826	53.692	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	196185	48.684	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	152641	50.074	ug/L	99
46) Tetrachloroethene	8.552	164	101127	49.300	ug/L	93
48) 2-Hexanone	8.684	43	371510	100.360	ug/L	100
49) Dibromochloromethane	8.809	129	155485	48.515	ug/L	100
50) 1,2-Dibromoethane	8.922	107	161722	48.933	ug/L	98
51) Chlorobenzene	9.446	112	357856	47.340	ug/L	99
52) Ethylbenzene	9.568	91	573176	48.342	ug/L	100
53) m,p-Xylene	9.690	106	222627	49.931	ug/L	100
54) o-Xylene	10.099	106	223045	50.049	ug/L	100
55) Styrene	10.112	104	396489	51.475	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	266110	49.326	ug/L	100
59) Bromoform	10.288	173	119368	49.052	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	211554	48.607	ug/L	100
61) Isopropylbenzene	10.481	105	548042	51.010	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	453214	51.588	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	449386	51.036	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	255517	46.133	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	254996	46.056	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	274146	48.175	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	60112	47.328	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	162324	43.218	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	123336	40.134	ug/L	98
71) Naphthalene	14.082	128	467765	42.528	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	149754	43.671	ug/L	99

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

