

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062222\
 Data File : VU049365.D
 Acq On : 22 Jun 2022 20:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050155

Quant Time: Jun 23 02:09:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 23 02:04:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	251517	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	235563	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	117566	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	60635	39.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.260%
7) Chloroethane-d5	1.903	69	49838	43.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.620%
11) 1,1-Dichloroethene-d2	2.565	63	126202	43.164	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.320%
21) 2-Butanone-d5	4.620	46	185008	108.904	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.900%
24) Chloroform-d	5.063	84	159838	48.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.720%
26) 1,2-Dichloroethane-d4	5.700	65	100044	46.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
32) Benzene-d6	5.726	84	276103	47.268	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.540%
36) 1,2-Dichloropropane-d6	6.690	67	104094	53.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.020%
41) Toluene-d8	7.896	98	248977	48.332	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.660%
43) trans-1,3-Dichloroprop...	8.179	79	45864	49.647	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.300%
47) 2-Hexanone-d5	8.632	63	119445	116.223	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.220%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	164201	50.066	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.140%
66) 1,2-Dichlorobenzene-d4	12.192	152	98867	48.332	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	89618	40.377	ug/L	99
3) Chloromethane	1.520	50	101076	43.203	ug/L	99
5) Vinyl chloride	1.604	62	102078	46.026	ug/L	98
6) Bromomethane	1.845	94	47671	38.858	ug/L	98
8) Chloroethane	1.925	64	59016	47.642	ug/L	98
9) Trichlorofluoromethane	2.134	101	139901	44.819	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	80093	45.202	ug/L	96
12) 1,1-Dichloroethene	2.578	96	70106	45.200	ug/L	94
13) Acetone	2.626	43	121313	90.750	ug/L	100
14) Carbon disulfide	2.790	76	168429	42.703	ug/L	98
15) Methyl Acetate	2.948	43	135731	51.193	ug/L	96
16) Methylene chloride	3.044	84	95346	47.206	ug/L	94
17) trans-1,2-Dichloroethene	3.350	96	77491	45.439	ug/L	96
18) Methyl tert-butyl Ether	3.363	73	300880	47.161	ug/L	96
19) 1,1-Dichloroethane	3.867	63	173311	47.173	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	95311	45.938	ug/L	99
22) 2-Butanone	4.700	43	207244	100.883	ug/L	98
23) Bromochloromethane	4.973	128	48682	44.705	ug/L	# 86
25) Chloroform	5.086	83	178372	46.586	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	140964	45.226	ug/L	100
29) Cyclohexane	5.388	56	139156	52.786	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	152538	46.433	ug/L	98
31) Carbon tetrachloride	5.523	117	125797	43.785	ug/L	99
33) Benzene	5.774	78	376984	49.397	ug/L	100
34) Trichloroethene	6.543	95	91277	47.449	ug/L	97
35) Methylcyclohexane	6.761	83	136527	50.844	ug/L	96
37) 1,2-Dichloropropane	6.790	63	108878	50.592	ug/L	98
38) Bromodichloromethane	7.105	83	137023	47.956	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	152226	48.072	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	383421	105.750	ug/L	98
42) Toluene	7.967	91	389942	49.434	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	142687	45.505	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	100573	48.228	ug/L	98
46) Tetrachloroethene	8.552	164	64999	43.583	ug/L	98
48) 2-Hexanone	8.684	43	301131	102.163	ug/L	97
49) Dibromochloromethane	8.809	129	105927	45.621	ug/L	97
50) 1,2-Dibromoethane	8.922	107	103385	47.125	ug/L	97
51) Chlorobenzene	9.446	112	240309	45.068	ug/L	97
52) Ethylbenzene	9.568	91	419768	48.944	ug/L	98
53) m,p-Xylene	9.694	106	155493	46.168	ug/L	89
54) o-Xylene	10.099	106	157749	46.488	ug/L	89
55) Styrene	10.111	104	263642	46.525	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.780	83	184780	47.547	ug/L	99
59) Bromoform	10.288	173	74639	43.019	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	143532	48.131	ug/L	98
61) Isopropylbenzene	10.481	105	415812	52.069	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	355849	52.194	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	275751	50.801	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	173956	44.406	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	171495	43.239	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	183199	45.064	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	45252	45.976	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	121272	43.335	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	102772	43.429	ug/L	98
71) Naphthalene	14.086	128	357282	42.674	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	110210	44.028	ug/L	99

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

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