

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092222\
 Data File : VU050893.D
 Acq On : 22 Sep 2022 13:06
 Operator : JC/MD
 Sample : N4650-11MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ06MSD

Quant Time: Sep 23 01:10:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 23 01:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	437566	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	428970	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	210904	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	161189	35.555	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.120%
7) Chloroethane-d5	1.903	69	139425	43.183	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.360%
11) 1,1-Dichloroethene-d2	2.565	63	298069	42.254	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.500%
21) 2-Butanone-d5	4.617	46	342650	117.073	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.070%
24) Chloroform-d	5.060	84	338026	47.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.160%
26) 1,2-Dichloroethane-d4	5.700	65	210291	48.030	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.060%
32) Benzene-d6	5.726	84	638159	45.165	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.340%
36) 1,2-Dichloropropane-d6	6.690	67	220187	46.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.340%
41) Toluene-d8	7.896	98	567229	45.927	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.860%
43) trans-1,3-Dichloroprop...	8.179	79	95707	46.129	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.260%
47) 2-Hexanone-d5	8.629	63	219601	111.732	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.730%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	360698	49.606	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.220%
66) 1,2-Dichlorobenzene-d4	12.192	152	206765	46.824	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	214292	47.296	ug/L	99
3) Chloromethane	1.520	50	239797	45.525	ug/L	98
5) Vinyl chloride	1.601	62	239181	46.383	ug/L	99
6) Bromomethane	1.842	94	146475	56.226	ug/L	99
8) Chloroethane	1.925	64	142735	49.993	ug/L	98
9) Trichlorofluoromethane	2.134	101	278344	49.763	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	178731	49.923	ug/L	99
12) 1,1-Dichloroethene	2.578	96	174732	51.942	ug/L	84
13) Acetone	2.620	43	219098	88.409	ug/L	99
14) Carbon disulfide	2.790	76	498053	46.821	ug/L	99
15) Methyl Acetate	2.945	43	238285	50.950	ug/L	99
16) Methylene chloride	3.041	84	203214	43.506	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	171913	49.861	ug/L	99
18) Methyl tert-butyl Ether	3.359	73	537214	51.110	ug/L	99
19) 1,1-Dichloroethane	3.867	63	384572	55.201	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	203006	53.103	ug/L	100
22) 2-Butanone	4.697	43	351492	107.600	ug/L	98
23) Bromochloromethane	4.973	128	98427	49.125	ug/L	96
25) Chloroform	5.086	83	345453	49.755	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	269651	51.105	ug/L	98
29) Cyclohexane	5.385	56	287795	48.751	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	377536	66.154	ug/L	100
31) Carbon tetrachloride	5.523	117	234590	49.482	ug/L	100
33) Benzene	5.771	78	778413	49.308	ug/L	100
34) Trichloroethene	6.539	95	196081	53.471	ug/L	98
35) Methylcyclohexane	6.761	83	295323	49.982	ug/L	99
37) 1,2-Dichloropropane	6.790	63	208219	48.200	ug/L	99
38) Bromodichloromethane	7.105	83	259084	50.338	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	278619	48.197	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	650156	109.207	ug/L	99
42) Toluene	7.967	91	813662	51.919	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	279243	50.780	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	200362	50.330	ug/L	99
46) Tetrachloroethene	8.552	164	140066	53.152	ug/L	98
48) 2-Hexanone	8.681	43	541192	108.789	ug/L	99
49) Dibromochloromethane	8.809	129	200771	51.434	ug/L	98
50) 1,2-Dibromoethane	8.922	107	211755	51.268	ug/L	98
51) Chlorobenzene	9.446	112	474223	49.565	ug/L	99
52) Ethylbenzene	9.568	91	795643	50.891	ug/L	100
53) m,p-Xylene	9.694	106	308437	53.064	ug/L	100
54) o-Xylene	10.099	106	302691	52.265	ug/L	98
55) Styrene	10.112	104	528929	53.268	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	351076	47.660	ug/L	99
59) Bromoform	10.288	173	150434	49.419	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	290232	48.925	ug/L	99
61) Isopropylbenzene	10.485	105	764589	50.729	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	635294	51.275	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	635794	51.817	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	341600	49.562	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	342904	49.005	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	367458	50.351	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	87723	53.766	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	235036	48.739	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	190705	48.324	ug/L	100
71) Naphthalene	14.086	128	763327	50.328	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	224834	50.904	ug/L	98

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

