

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090622\
 Data File : VU050651.D
 Acq On : 06 Sep 2022 22:04
 Operator : SY/MD
 Sample : N4482-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW345MSD

Quant Time: Sep 07 01:43:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 07 01:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	225403	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	217919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	101094	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47450	24.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	49.220%#
7) Chloroethane-d5	1.900	69	42137	32.321	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.640%#
11) 1,1-Dichloroethene-d2	2.565	63	114542	33.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.240%
21) 2-Butanone-d5	4.626	46	127467	90.370	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.370%
24) Chloroform-d	5.064	84	161407	44.174	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.340%
26) 1,2-Dichloroethane-d4	5.700	65	105059	47.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.100%
32) Benzene-d6	5.726	84	291629	40.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.691	67	100247	42.398	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.800%
41) Toluene-d8	7.896	98	256435	41.640	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.280%
43) trans-1,3-Dichloroprop...	8.179	79	45163	46.165	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.340%
47) 2-Hexanone-d5	8.633	63	52881	88.915	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	171033	47.801	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	100122	42.307	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	88227	40.751	ug/L	99
3) Chloromethane	1.520	50	83169	35.553	ug/L	99
5) Vinyl chloride	1.604	62	80759	36.642	ug/L	97
6) Bromomethane	1.845	94	48367	43.514	ug/L	97
8) Chloroethane	1.922	64	48346	41.299	ug/L	99
9) Trichlorofluoromethane	2.131	101	116865	43.521	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	69458	39.431	ug/L	97
12) 1,1-Dichloroethene	2.575	96	73444	42.911	ug/L	92
13) Acetone	2.630	43	96838	91.012	ug/L	100
14) Carbon disulfide	2.790	76	205834	40.555	ug/L	100
15) Methyl Acetate	2.948	43	94148	41.839	ug/L	96
16) Methylene chloride	3.041	84	100736	44.846	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	81833	45.088	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	282166	50.142	ug/L	98
19) 1,1-Dichloroethane	3.867	63	161063	45.997	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	97284	47.506	ug/L	94
22) 2-Butanone	4.703	43	155251	93.290	ug/L	95
23) Bromochloromethane	4.974	128	54198	51.218	ug/L	90
25) Chloroform	5.086	83	178385	50.003	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	138026	52.201	ug/L	97
29) Cyclohexane	5.388	56	111543	38.220	ug/L	95
30) 1,1,1-Trichloroethane	5.314	97	143255	48.807	ug/L	99
31) Carbon tetrachloride	5.523	117	120190	49.980	ug/L	99
33) Benzene	5.774	78	382456	48.225	ug/L	100
34) Trichloroethene	6.543	95	85275	46.147	ug/L	97
35) Methylcyclohexane	6.764	83	114328	38.916	ug/L	97
37) 1,2-Dichloropropane	6.790	63	99195	47.352	ug/L #	98
38) Bromodichloromethane	7.105	83	130982	53.154	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	136569	48.164	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	274862	96.284	ug/L	99
42) Toluene	7.967	91	388217	48.191	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	131568	49.454	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	103041	51.204	ug/L	99
46) Tetrachloroethene	8.552	164	60745	45.006	ug/L	98
48) 2-Hexanone	8.684	43	249218	93.545	ug/L	98
49) Dibromochloromethane	8.809	129	104722	54.560	ug/L	97
50) 1,2-Dibromoethane	8.922	107	109214	53.365	ug/L	97
51) Chlorobenzene	9.446	112	236568	47.316	ug/L	98
52) Ethylbenzene	9.571	91	367477	46.176	ug/L	100
53) m,p-Xylene	9.694	106	145737	47.799	ug/L	99
54) o-Xylene	10.099	106	146935	48.405	ug/L	100
55) Styrene	10.115	104	249292	49.913	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	180299	50.300	ug/L	97
59) Bromoform	10.288	173	77512	51.390	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	140458	47.353	ug/L	99
61) Isopropylbenzene	10.485	105	343305	42.902	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	291863	42.663	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	284346	43.284	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	155407	44.138	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	153031	43.971	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	172796	46.080	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	37770	48.219	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	101077	39.557	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	80920	37.295	ug/L	99
71) Naphthalene	14.086	128	286862	37.290	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	95087	40.470	ug/L	99

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

