

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082422\
 Data File : VU050435.D
 Acq On : 24 Aug 2022 19:11
 Operator : SY/MD
 Sample : N4322-14MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY172MSD

Quant Time: Aug 25 05:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	340004	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	325843	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	145878	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	166432	41.398	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.800%
7) Chloroethane-d5	1.900	69	132138	44.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.840%
11) 1,1-Dichloroethene-d2	2.562	63	236344	41.598	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.200%
21) 2-Butanone-d5	4.623	46	261171	99.250	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.250%
24) Chloroform-d	5.063	84	287621	44.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.140%
26) 1,2-Dichloroethane-d4	5.700	65	178693	44.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.100%
32) Benzene-d6	5.726	84	571910	47.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.690	67	188514	47.264	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.520%
41) Toluene-d8	7.899	98	494709	46.958	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.920%
43) trans-1,3-Dichloroprop...	8.179	79	77459	46.557	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.120%
47) 2-Hexanone-d5	8.632	63	162580	109.839	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.840%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	294614	47.890	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.780%
66) 1,2-Dichlorobenzene-d4	12.195	152	166757	47.854	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	114749	43.176	ug/L	99
3) Chloromethane	1.517	50	150992	48.815	ug/L	97
5) Vinyl chloride	1.601	62	142011	46.952	ug/L	100
6) Bromomethane	1.839	94	64605	57.766	ug/L	97
8) Chloroethane	1.922	64	91001	49.524	ug/L	99
9) Trichlorofluoromethane	2.131	101	168875	43.885	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	99512	42.179	ug/L	99
12) 1,1-Dichloroethene	2.575	96	96348	46.194	ug/L	97
13) Acetone	2.626	43	146462	84.651	ug/L	99
14) Carbon disulfide	2.787	76	238490	44.809	ug/L	100
15) Methyl Acetate	2.948	43	141362	45.412	ug/L	99
16) Methylene chloride	3.041	84	134337	46.215	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	104773	47.786	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	367346	52.935	ug/L	99
19) 1,1-Dichloroethane	3.867	63	228870	48.182	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	130588	49.736	ug/L	96
22) 2-Butanone	4.703	43	233111	99.414	ug/L	99
23) Bromochloromethane	4.973	128	70299	49.022	ug/L	98
25) Chloroform	5.086	83	241047	47.633	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	183352	48.571	ug/L	98
29) Cyclohexane	5.388	56	146303	48.810	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	181232	48.614	ug/L	99
31) Carbon tetrachloride	5.523	117	144289	47.164	ug/L	100
33) Benzene	5.774	78	513522	52.053	ug/L	100
34) Trichloroethene	6.543	95	113074	48.421	ug/L	98
35) Methylcyclohexane	6.764	83	143582	43.971	ug/L	99
37) 1,2-Dichloropropane	6.790	63	146358	51.073	ug/L	100
38) Bromodichloromethane	7.105	83	182085	49.804	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	189049	50.237	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	434148	114.006	ug/L	100
42) Toluene	7.970	91	520574	52.374	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	178782	50.969	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	142716	50.613	ug/L	98
46) Tetrachloroethene	8.552	164	77892	45.415	ug/L	98
48) 2-Hexanone	8.684	43	369570	116.209	ug/L	98
49) Dibromochloromethane	8.809	129	143567	49.152	ug/L	96
50) 1,2-Dibromoethane	8.925	107	142838	50.688	ug/L	99
51) Chlorobenzene	9.446	112	320474	49.131	ug/L	98
52) Ethylbenzene	9.571	91	497728	49.684	ug/L	99
53) m,p-Xylene	9.694	106	188603	50.413	ug/L	99
54) o-Xylene	10.102	106	196600	52.895	ug/L	99
55) Styrene	10.115	104	320269	50.640	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	265059	51.444	ug/L	99
59) Bromoform	10.292	173	105459	50.483	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	200286	53.279	ug/L	100
61) Isopropylbenzene	10.484	105	471278	52.231	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	368626	50.597	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	375394	52.829	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	214776	48.682	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	212510	47.830	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	236341	50.942	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	52933	52.982	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	137596	45.245	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	115446	47.401	ug/L	97
71) Naphthalene	14.089	128	470289	58.865	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	139335	52.345	ug/L	99

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

