

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082422\
 Data File : U082422.D
 Acq On : 24 Aug 2022 18:47
 Operator : SY/MD
 Sample : N4322-13MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY172MS

Quant Time: Aug 25 05:33:21 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	337130	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	326169	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	146293	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	163435	40.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.000%
7) Chloroethane-d5	1.903	69	136227	46.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.360%
11) 1,1-Dichloroethene-d2	2.562	63	238606	42.354	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.700%
21) 2-Butanone-d5	4.626	46	255093	97.766	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.770%
24) Chloroform-d	5.063	84	289874	45.299	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.700	65	181318	45.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.180%
32) Benzene-d6	5.726	84	573179	47.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	6.690	67	188648	47.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.500%
41) Toluene-d8	7.899	98	504251	47.816	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.640%
43) trans-1,3-Dichloroprop...	8.179	79	76246	45.782	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.560%
47) 2-Hexanone-d5	8.636	63	156070	105.336	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	292907	47.565	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.120%
66) 1,2-Dichlorobenzene-d4	12.192	152	163223	46.707	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	110448	41.912	ug/L	100
3) Chloromethane	1.517	50	146173	47.660	ug/L	100
5) Vinyl chloride	1.601	62	136684	45.576	ug/L	100
6) Bromomethane	1.842	94	52819	47.630	ug/L	95
8) Chloroethane	1.922	64	88846	48.764	ug/L	99
9) Trichlorofluoromethane	2.131	101	169990	44.551	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	98037	41.908	ug/L	99
12) 1,1-Dichloroethene	2.575	96	93546	45.233	ug/L	96
13) Acetone	2.629	43	144186	84.046	ug/L	99
14) Carbon disulfide	2.787	76	230249	43.630	ug/L	100
15) Methyl Acetate	2.951	43	136243	44.141	ug/L	98
16) Methylene chloride	3.041	84	133048	46.162	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	102716	47.247	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	356707	51.841	ug/L	99
19) 1,1-Dichloroethane	3.867	63	224458	47.656	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	128206	49.246	ug/L	99
22) 2-Butanone	4.707	43	225685	97.067	ug/L	99
23) Bromochloromethane	4.973	128	69771	49.069	ug/L	98
25) Chloroform	5.086	83	237142	47.261	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	179308	47.905	ug/L	99
29) Cyclohexane	5.388	56	140903	46.962	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	179138	48.005	ug/L	100
31) Carbon tetrachloride	5.523	117	142290	46.464	ug/L	100
33) Benzene	5.774	78	504020	51.038	ug/L	100
34) Trichloroethene	6.543	95	111643	47.760	ug/L	99
35) Methylcyclohexane	6.764	83	138985	42.521	ug/L	98
37) 1,2-Dichloropropane	6.790	63	142253	49.591	ug/L	99
38) Bromodichloromethane	7.105	83	179088	48.935	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	186395	49.482	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	417097	109.419	ug/L	99
42) Toluene	7.970	91	512671	51.527	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	172306	49.073	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	141989	50.304	ug/L	99
46) Tetrachloroethene	8.552	164	76855	44.765	ug/L	96
48) 2-Hexanone	8.687	43	342251	107.511	ug/L	98
49) Dibromochloromethane	8.809	129	140024	47.891	ug/L	98
50) 1,2-Dibromoethane	8.925	107	138097	48.957	ug/L	100
51) Chlorobenzene	9.446	112	311459	47.701	ug/L	99
52) Ethylbenzene	9.571	91	481810	48.047	ug/L	100
53) m,p-Xylene	9.694	106	182091	48.624	ug/L	98
54) o-Xylene	10.102	106	190588	51.226	ug/L	97
55) Styrene	10.115	104	311352	49.181	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	251566	48.776	ug/L	100
59) Bromoform	10.292	173	102475	48.915	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	191601	50.824	ug/L	99
61) Isopropylbenzene	10.484	105	455045	50.289	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	359535	49.209	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	353999	49.676	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	205861	46.529	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	203564	45.686	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	226766	48.739	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	48834	48.740	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	129234	42.375	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	105981	43.391	ug/L	98
71) Naphthalene	14.086	128	400301	49.962	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	127480	47.756	ug/L	98

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

