

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047650.D
 Acq On : 24 Mar 2022 22:16
 Operator : SY/MD
 Sample : N2081-09MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6MSD

Quant Time: Mar 24 23:51:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	199572	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	205889	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	121463	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	67328	46.522	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.040%
7) Chloroethane-d5	1.919	69	53973	47.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.575	63	113301	42.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.580%
21) 2-Butanone-d5	4.639	46	140897	113.427	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.430%
24) Chloroform-d	5.067	84	126777	47.876	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.760%
26) 1,2-Dichloroethane-d4	5.706	65	78424	48.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.580%
32) Benzene-d6	5.729	84	253012	48.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
36) 1,2-Dichloropropane-d6	6.694	67	79379	49.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.780%
41) Toluene-d8	7.899	98	242661	48.075	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.140%
43) trans-1,3-Dichloroprop...	8.182	79	38467	47.722	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.440%
47) 2-Hexanone-d5	8.636	63	99973	107.336	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	128944	47.223	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	12.192	152	104630	48.419	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	45769	24.737	ug/L	100
3) Chloromethane	1.523	50	50816	28.719	ug/L	98
5) Vinyl chloride	1.607	62	50176	27.804	ug/L	100
6) Bromomethane	1.861	94	28460	29.301	ug/L	94
8) Chloroethane	1.938	64	30442	26.872	ug/L	99
9) Trichlorofluoromethane	2.144	101	62413	24.526	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35681	24.257	ug/L	100
12) 1,1-Dichloroethene	2.584	96	43636	31.875	ug/L	88
13) Acetone	2.652	43	68427	59.194	ug/L	99
14) Carbon disulfide	2.800	76	121462	28.069	ug/L	100
15) Methyl Acetate	2.961	43	51686	28.040	ug/L	98
16) Methylene chloride	3.051	84	44588	28.383	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	41385	28.028	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	109710	26.336	ug/L	100
19) 1,1-Dichloroethane	3.874	63	170979	67.141	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	89290	55.159	ug/L	91
22) 2-Butanone	4.719	43	87546	58.792	ug/L	99
23) Bromochloromethane	4.980	128	25628	28.835	ug/L	97
25) Chloroform	5.092	83	78120	28.493	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	58279	27.513	ug/L	97
29) Cyclohexane	5.391	56	55156	26.401	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	386931	165.740	ug/L	99
31) Carbon tetrachloride	5.526	117	54333	25.773	ug/L	100
33) Benzene	5.777	78	164536	27.609	ug/L	100
34) Trichloroethene	6.542	95	50698	32.449	ug/L	100
35) Methylcyclohexane	6.764	83	60135	25.299	ug/L	99
37) 1,2-Dichloropropane	6.793	63	41617	27.470	ug/L	100
38) Bromodichloromethane	7.108	83	58499	28.119	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	62428	26.557	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	139228	58.146	ug/L	98
42) Toluene	7.970	91	176754	27.031	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	64582	27.516	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	44913	27.953	ug/L	98
46) Tetrachloroethene	8.555	164	56822	40.470	ug/L	99
48) 2-Hexanone	8.687	43	126365	61.352	ug/L	97
49) Dibromochloromethane	8.812	129	48960	26.309	ug/L	98
50) 1,2-Dibromoethane	8.925	107	49308	27.374	ug/L	98
51) Chlorobenzene	9.449	112	118019	26.581	ug/L	99
52) Ethylbenzene	9.571	91	173205	25.191	ug/L	100
53) m,p-Xylene	9.693	106	67361	24.969	ug/L	92
54) o-Xylene	10.102	106	66463	25.101	ug/L	96
55) Styrene	10.115	104	116241	25.713	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	82725	27.463	ug/L	99
59) Bromoform	10.291	173	42339	27.260	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	64949	28.365	ug/L	100
61) Isopropylbenzene	10.484	105	173475	26.426	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	91875	25.795	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	143405	26.507	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	97460	26.711	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	97901	25.905	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	101228	27.727	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	20938	28.547	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	77043	25.999	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	71537	27.562	ug/L	99
71) Naphthalene	14.089	128	238405	30.809	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	78714	30.252	ug/L	99

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

