

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047713.D
 Acq On : 26 Mar 2022 16:50
 Operator : SY/MD
 Sample : N2081-09MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5X6MSD

Quant Time: Mar 28 05:10:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	355541	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	356028	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	205838	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	69861	27.096	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.200%#
7) Chloroethane-d5	1.916	69	68080	33.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	66.980%#
11) 1,1-Dichloroethene-d2	2.575	63	144119	30.552	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.100%
21) 2-Butanone-d5	4.639	46	239654	108.295	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.290%
24) Chloroform-d	5.067	84	180280	38.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.420%
26) 1,2-Dichloroethane-d4	5.703	65	119429	41.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.560%
32) Benzene-d6	5.729	84	301129	33.613	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.220%#
36) 1,2-Dichloropropane-d6	6.693	67	109512	39.804	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.600%
41) Toluene-d8	7.899	98	246377	28.227	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	56.460%#
43) trans-1,3-Dichloroprop...	8.179	79	50684	36.362	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.720%
47) 2-Hexanone-d5	8.636	63	180317	111.956	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	215599	45.661	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.320%
66) 1,2-Dichlorobenzene-d4	12.192	152	114411	31.242	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.480%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	116243	35.266	ug/L	100
3) Chloromethane	1.523	50	201596	63.952	ug/L	99
5) Vinyl chloride	1.607	62	170237	52.952	ug/L	98
6) Bromomethane	1.861	94	121000	69.926	ug/L	99
8) Chloroethane	1.938	64	125995	62.429	ug/L	98
9) Trichlorofluoromethane	2.141	101	185665	40.954	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	88290	33.691	ug/L	96
12) 1,1-Dichloroethene	2.584	96	122913	50.398	ug/L #	74
13) Acetone	2.652	43	296578	144.013	ug/L	98
14) Carbon disulfide	2.797	76	346226	44.912	ug/L	100
15) Methyl Acetate	2.957	43	194855	59.337	ug/L	99
16) Methylene chloride	3.051	84	198147	70.801	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	143022	54.370	ug/L	93
18) Methyl tert-butyl Ether	3.366	73	618739	83.373	ug/L	100
19) 1,1-Dichloroethane	3.874	63	383482	84.527	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	223844	77.619	ug/L	96
22) 2-Butanone	4.716	43	460039	173.414	ug/L	97
23) Bromochloromethane	4.976	128	114836	72.525	ug/L	98
25) Chloroform	5.089	83	327982	67.149	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	276861	73.367	ug/L	99
29) Cyclohexane	5.391	56	132108	36.568	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	409733	101.495	ug/L	99
31) Carbon tetrachloride	5.526	117	169672	46.544	ug/L	100
33) Benzene	5.777	78	643849	62.477	ug/L	100
34) Trichloroethene	6.542	95	147430	54.568	ug/L	98
35) Methylcyclohexane	6.764	83	134338	32.684	ug/L	99
37) 1,2-Dichloropropane	6.793	63	186828	71.315	ug/L	100
38) Bromodichloromethane	7.105	83	259307	72.079	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	268811	66.130	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	785547	189.722	ug/L	99
42) Toluene	7.970	91	634224	56.089	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	275112	67.785	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	211797	76.229	ug/L	99
46) Tetrachloroethene	8.555	164	109073	44.925	ug/L	99
48) 2-Hexanone	8.687	43	684887	192.297	ug/L	99
49) Dibromochloromethane	8.809	129	234642	72.914	ug/L	99
50) 1,2-Dibromoethane	8.925	107	233902	75.092	ug/L	100
51) Chlorobenzene	9.446	112	426263	55.520	ug/L	98
52) Ethylbenzene	9.571	91	590409	49.659	ug/L	99
53) m,p-Xylene	9.693	106	234152	50.192	ug/L	97
54) o-Xylene	10.102	106	249824	54.562	ug/L	99
55) Styrene	10.115	104	460183	58.868	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	410059	78.724	ug/L	99
59) Bromoform	10.291	173	206508	78.458	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	325005	83.756	ug/L	99
61) Isopropylbenzene	10.484	105	535098	48.101	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	303516	50.285	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	495384	54.032	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	336227	54.377	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	346665	54.128	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	371930	60.116	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	112299	90.347	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	245258	48.840	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	244492	55.585	ug/L	99
71) Naphthalene	14.085	128	1071439	81.704	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	269097	61.028	ug/L	99

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

