

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032622\
 Data File : VU047701.D
 Acq On : 26 Mar 2022 12:19
 Operator : SY/MD
 Sample : N2082-08MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z2MSD

Quant Time: Mar 28 05:07:09 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	314517	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	323902	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	196069	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101131	44.341	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.680%
7) Chloroethane-d5	1.919	69	88806	49.381	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.760%
11) 1,1-Dichloroethene-d2	2.575	63	195878	46.941	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.880%
21) 2-Butanone-d5	4.639	46	235478	120.287	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.290%
24) Chloroform-d	5.067	84	214704	51.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.900%
26) 1,2-Dichloroethane-d4	5.703	65	135132	52.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.600%
32) Benzene-d6	5.729	84	416594	51.114	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.220%
36) 1,2-Dichloropropane-d6	6.694	67	132310	52.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.720%
41) Toluene-d8	7.899	98	401687	50.585	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.180%
43) trans-1,3-Dichloroprop...	8.179	79	66220	52.221	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.440%
47) 2-Hexanone-d5	8.636	63	178120	121.561	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.560%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	230638	53.691	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	177766	50.961	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	142541	48.884	ug/L	100
3) Chloromethane	1.523	50	134534	48.245	ug/L	99
5) Vinyl chloride	1.607	62	135788	47.745	ug/L	100
6) Bromomethane	1.864	94	79999	52.262	ug/L	99
8) Chloroethane	1.938	64	86626	48.520	ug/L	99
9) Trichlorofluoromethane	2.144	101	190324	47.457	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	116267	50.154	ug/L	98
12) 1,1-Dichloroethene	2.584	96	108208	50.156	ug/L	91
13) Acetone	2.652	43	150430	82.574	ug/L	98
14) Carbon disulfide	2.800	76	320579	47.009	ug/L	100
15) Methyl Acetate	2.957	43	150504	51.809	ug/L	100
16) Methylene chloride	3.051	84	126885	51.252	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	117702	50.580	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	347240	52.892	ug/L	99
19) 1,1-Dichloroethane	3.874	63	261853	65.246	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	167923	65.823	ug/L	94
22) 2-Butanone	4.716	43	233590	99.538	ug/L	98
23) Bromochloromethane	4.980	128	71633	51.141	ug/L	98
25) Chloroform	5.092	83	222624	51.523	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	173543	51.987	ug/L	100
29) Cyclohexane	5.391	56	175272	53.328	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	196270	53.440	ug/L	99
31) Carbon tetrachloride	5.530	117	170393	51.378	ug/L	100
33) Benzene	5.777	78	491114	52.383	ug/L	100
34) Trichloroethene	6.542	95	127647	51.932	ug/L	99
35) Methylcyclohexane	6.764	83	195925	52.395	ug/L	99
37) 1,2-Dichloropropane	6.793	63	127457	53.478	ug/L	100
38) Bromodichloromethane	7.108	83	170594	52.123	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	197903	53.514	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	412480	109.501	ug/L	98
42) Toluene	7.970	91	541053	52.595	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	197756	53.558	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	130818	51.753	ug/L	99
46) Tetrachloroethene	8.555	164	111410	50.439	ug/L	99
48) 2-Hexanone	8.687	43	352885	108.907	ug/L	98
49) Dibromochloromethane	8.809	129	151798	51.849	ug/L	100
50) 1,2-Dibromoethane	8.925	107	146843	51.819	ug/L	99
51) Chlorobenzene	9.446	112	358833	51.373	ug/L	99
52) Ethylbenzene	9.571	91	570994	52.789	ug/L	99
53) m,p-Xylene	9.693	106	226637	53.400	ug/L	99
54) o-Xylene	10.102	106	220568	52.951	ug/L	100
55) Styrene	10.115	104	379176	53.316	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	247102	52.144	ug/L	100
59) Bromoform	10.291	173	126875	50.605	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	192641	52.118	ug/L	99
61) Isopropylbenzene	10.484	105	566747	53.484	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	305310	53.103	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	473731	54.245	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	297122	50.447	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	300322	49.228	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	301642	51.184	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	60873	51.414	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	237648	49.682	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	208816	49.840	ug/L	99
71) Naphthalene	14.085	128	665994	53.316	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	213137	50.745	ug/L	100

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

