

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047693.D
 Acq On : 25 Mar 2022 23:20
 Operator : SY/MD
 Sample : N2082-07MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5Z2MS

Quant Time: Mar 26 04:24:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	343808	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353791	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	209440	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	88319	35.424	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.840%
7) Chloroethane-d5	1.916	69	77912	39.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.260%
11) 1,1-Dichloroethene-d2	2.575	63	180866	39.651	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.300%
21) 2-Butanone-d5	4.632	46	176600	82.525	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.530%
24) Chloroform-d	5.067	84	182402	39.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.960%
26) 1,2-Dichloroethane-d4	5.703	65	109784	39.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.480%
32) Benzene-d6	5.729	84	351810	39.519	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.040%
36) 1,2-Dichloropropane-d6	6.693	67	111845	40.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.820%
41) Toluene-d8	7.899	98	341588	39.383	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.760%#
43) trans-1,3-Dichloroprop...	8.179	79	50982	36.808	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.620%
47) 2-Hexanone-d5	8.632	63	133162	83.201	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	188553	40.186	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.380%
66) 1,2-Dichlorobenzene-d4	12.192	152	148540	39.864	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	157004	49.257	ug/L	100
3) Chloromethane	1.523	50	153018	50.198	ug/L	99
5) Vinyl chloride	1.607	62	155410	49.989	ug/L	96
6) Bromomethane	1.861	94	88909	53.134	ug/L	100
8) Chloroethane	1.938	64	104459	53.524	ug/L	98
9) Trichlorofluoromethane	2.141	101	204567	46.663	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	120295	47.471	ug/L	99
12) 1,1-Dichloroethene	2.584	96	116586	49.435	ug/L	84
13) Acetone	2.642	43	157998	79.339	ug/L	97
14) Carbon disulfide	2.800	76	354871	47.604	ug/L	99
15) Methyl Acetate	2.954	43	93100	29.318	ug/L	98
16) Methylene chloride	3.051	84	135994	50.251	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	126528	49.741	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	377975	52.669	ug/L	100
19) 1,1-Dichloroethane	3.874	63	284437	64.835	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	190029	68.142	ug/L	95
22) 2-Butanone	4.710	43	247886	96.631	ug/L	98
23) Bromochloromethane	4.976	128	79185	51.716	ug/L	97
25) Chloroform	5.092	83	245691	52.018	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	193445	53.011	ug/L	99
29) Cyclohexane	5.391	56	192824	53.711	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	211949	52.834	ug/L	99
31) Carbon tetrachloride	5.526	117	186554	51.499	ug/L	100
33) Benzene	5.777	78	533030	52.051	ug/L	100
34) Trichloroethene	6.542	95	138570	51.613	ug/L	99
35) Methylcyclohexane	6.764	83	204733	50.125	ug/L	99
37) 1,2-Dichloropropane	6.793	63	139543	53.602	ug/L	99
38) Bromodichloromethane	7.108	83	190066	53.166	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	195544	48.409	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	447624	108.792	ug/L	99
42) Toluene	7.970	91	596519	53.088	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	193429	47.960	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	143255	51.886	ug/L	97
46) Tetrachloroethene	8.552	164	115644	47.932	ug/L	97
48) 2-Hexanone	8.684	43	374597	105.841	ug/L	99
49) Dibromochloromethane	8.809	129	163623	51.167	ug/L	99
50) 1,2-Dibromoethane	8.925	107	161427	52.153	ug/L	99
51) Chlorobenzene	9.446	112	387872	50.839	ug/L	98
52) Ethylbenzene	9.571	91	618931	52.387	ug/L	99
53) m,p-Xylene	9.693	106	243986	52.631	ug/L	95
54) o-Xylene	10.102	106	238894	52.505	ug/L	98
55) Styrene	10.115	104	413305	53.205	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	267980	51.773	ug/L	99
59) Bromoform	10.291	173	137621	51.386	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	209395	53.034	ug/L	99
61) Isopropylbenzene	10.484	105	610069	53.897	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	327108	53.262	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	510511	54.724	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	317119	50.405	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	321540	49.341	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	324733	51.584	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	67974	53.746	ug/L	100
69) 1,3,5-Trichlorobenzene	13.217	180	243792	47.713	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	226094	50.518	ug/L	100
71) Naphthalene	14.085	128	760598	57.003	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	233289	51.997	ug/L	99

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

