

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047662.D
 Acq On : 25 Mar 2022 02:48
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050175

Quant Time: Mar 25 05:31:53 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	289982	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	291296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	169227	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	105448	50.145	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.300%	
7) Chloroethane-d5	1.919	69	87502	52.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.540%	
11) 1,1-Dichloroethene-d2	2.575	63	197423	51.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.620%	
21) 2-Butanone-d5	4.636	46	212463	117.713	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 117.710%	
24) Chloroform-d	5.066	84	208482	54.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.360%	
26) 1,2-Dichloroethane-d4	5.703	65	131490	55.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.440%	
32) Benzene-d6	5.729	84	414344	56.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 113.060%	
36) 1,2-Dichloropropane-d6	6.693	67	129323	57.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 114.900%	
41) Toluene-d8	7.899	98	402233	56.324	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.640%	
43) trans-1,3-Dichloroprop...	8.179	79	63754	55.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 111.800%	
47) 2-Hexanone-d5	8.635	63	161805	122.787	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 122.790%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	220243	57.010	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 114.020%	
66) 1,2-Dichlorobenzene-d4	12.195	152	176469	58.614	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 117.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	135645	50.455	ug/L	100
3) Chloromethane	1.526	50	141791	55.149	ug/L	99
5) Vinyl chloride	1.607	62	137641	52.492	ug/L	99
6) Bromomethane	1.864	94	83825	59.394	ug/L	97
8) Chloroethane	1.938	64	92242	56.037	ug/L	99
9) Trichlorofluoromethane	2.144	101	181446	49.071	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	104602	48.940	ug/L	98
12) 1,1-Dichloroethene	2.584	96	104974	52.773	ug/L	95
13) Acetone	2.649	43	161932	96.408	ug/L	100
14) Carbon disulfide	2.800	76	314782	50.064	ug/L	100
15) Methyl Acetate	2.957	43	165525	61.801	ug/L	99
16) Methylene chloride	3.050	84	134909	59.104	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	114627	53.427	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	382626	63.213	ug/L	100
19) 1,1-Dichloroethane	3.874	63	216608	58.539	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	136017	57.827	ug/L	92
22) 2-Butanone	4.716	43	254120	117.449	ug/L	98
23) Bromochloromethane	4.980	128	77471	59.989	ug/L	98
25) Chloroform	5.092	83	230655	57.899	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	182986	59.453	ug/L	98
29) Cyclohexane	5.391	56	163991	55.480	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	190950	57.811	ug/L	99
31) Carbon tetrachloride	5.529	117	165508	55.491	ug/L	98
33) Benzene	5.777	78	497254	58.975	ug/L	100
34) Trichloroethene	6.542	95	123549	55.891	ug/L	99
35) Methylcyclohexane	6.764	83	175399	52.157	ug/L	98
37) 1,2-Dichloropropane	6.793	63	132545	61.837	ug/L	100
38) Bromodichloromethane	7.108	83	178572	60.668	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	202335	60.837	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	458178	135.247	ug/L	99
42) Toluene	7.970	91	540611	58.435	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	199937	60.209	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	140635	61.865	ug/L	99
46) Tetrachloroethene	8.555	164	104357	52.534	ug/L	98
48) 2-Hexanone	8.687	43	386655	132.687	ug/L	99
49) Dibromochloromethane	8.809	129	158635	60.249	ug/L	99
50) 1,2-Dibromoethane	8.925	107	157763	61.904	ug/L	100
51) Chlorobenzene	9.446	112	352189	56.066	ug/L	98
52) Ethylbenzene	9.571	91	551315	56.675	ug/L	98
53) m,p-Xylene	9.693	106	218533	57.254	ug/L	99
54) o-Xylene	10.102	106	215060	57.408	ug/L	97
55) Styrene	10.115	104	375501	58.709	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	262597	61.617	ug/L	99
59) Bromoform	10.291	173	137201	63.403	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	206173	64.627	ug/L	99
61) Isopropylbenzene	10.484	105	537902	58.814	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	293219	59.089	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	458644	60.847	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	288484	56.750	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	291175	55.299	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	297698	58.527	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	67848	66.394	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	222427	53.876	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	205406	56.802	ug/L	100
71) Naphthalene	14.085	128	699973	64.925	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	210999	58.204	ug/L	99

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

