

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040122\
 Data File : VU047782.D
 Acq On : 01 Apr 2022 11:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050185

Quant Time: Apr 02 01:03:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 30 01:20:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	386238	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	386966	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	232851	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	146790	52.409	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 104.820%	
7) Chloroethane-d5	1.919	69	115023	52.082	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 104.160%	
11) 1,1-Dichloroethene-d2	2.572	63	251640	49.106	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 98.220%	
21) 2-Butanone-d5	4.639	46	173003	71.963	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 71.960%	
24) Chloroform-d	5.067	84	263979	51.510	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.020%	
26) 1,2-Dichloroethane-d4	5.707	65	160513	51.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 102.140%	
32) Benzene-d6	5.732	84	530805	54.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.020%	
36) 1,2-Dichloropropane-d6	6.694	67	161121	53.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.760%	
41) Toluene-d8	7.900	98	514597	54.243	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 108.480%	
43) trans-1,3-Dichloroprop...	8.182	79	81957	54.098	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.200%	
47) 2-Hexanone-d5	8.636	63	142484	81.393	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 81.390%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	234271	45.649	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 91.300%	
66) 1,2-Dichlorobenzene-d4	12.195	152	211464	51.046	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	167615	46.809	ug/L	99
3) Chloromethane	1.520	50	144374	42.160	ug/L	100
5) Vinyl chloride	1.607	62	155059	44.397	ug/L	99
6) Bromomethane	1.861	94	88966	47.327	ug/L	98
8) Chloroethane	1.938	64	94075	42.908	ug/L	99
9) Trichlorofluoromethane	2.141	101	217089	44.079	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	134734	47.328	ug/L	98
12) 1,1-Dichloroethene	2.585	96	123196	46.499	ug/L	91
13) Acetone	2.649	43	166022	74.210	ug/L	94
14) Carbon disulfide	2.797	76	344450	41.130	ug/L	99
15) Methyl Acetate	2.958	43	117535	32.947	ug/L	96
16) Methylene chloride	3.051	84	138284	45.484	ug/L	100
17) trans-1,2-Dichloroethene	3.360	96	132859	46.492	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	392406	48.673	ug/L	99
19) 1,1-Dichloroethane	3.874	63	230074	46.682	ug/L	97
20) cis-1,2-Dichloroethene	4.671	96	149532	47.730	ug/L	100
22) 2-Butanone	4.716	43	199068	69.076	ug/L	97
23) Bromochloromethane	4.980	128	81513	47.389	ug/L	95
25) Chloroform	5.093	83	248732	46.876	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	186641	45.528	ug/L	99
29) Cyclohexane	5.392	56	193311	49.231	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	218046	49.694	ug/L	99
31) Carbon tetrachloride	5.530	117	195348	49.303	ug/L	99
33) Benzene	5.777	78	540836	48.285	ug/L	100
34) Trichloroethene	6.546	95	144845	49.325	ug/L	98
35) Methylcyclohexane	6.768	83	222264	49.752	ug/L	99
37) 1,2-Dichloropropane	6.793	63	139109	48.854	ug/L	100
38) Bromodichloromethane	7.109	83	191579	48.995	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	227471	51.486	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	355350	78.961	ug/L	100
42) Toluene	7.970	91	608023	49.473	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	221922	50.308	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	144274	47.775	ug/L	99
46) Tetrachloroethene	8.555	164	127507	48.319	ug/L	99
48) 2-Hexanone	8.687	43	295618	76.365	ug/L	99
49) Dibromochloromethane	8.813	129	171551	49.047	ug/L	100
50) 1,2-Dibromoethane	8.925	107	160794	47.495	ug/L	100
51) Chlorobenzene	9.449	112	403783	48.388	ug/L	99
52) Ethylbenzene	9.571	91	644887	49.904	ug/L	99
53) m,p-Xylene	9.697	106	254631	50.218	ug/L	99
54) o-Xylene	10.102	106	249111	50.057	ug/L	99
55) Styrene	10.115	104	427345	50.296	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	243558	43.020	ug/L	98
59) Bromoform	10.292	173	140362	47.141	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	183233	41.742	ug/L	98
61) Isopropylbenzene	10.485	105	642647	51.067	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	354110	51.862	ug/L	100
63) 1,2,4-Trimethylbenzene	11.469	105	543532	52.406	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	339179	48.491	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	340316	46.972	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	336509	48.081	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	52207	37.129	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	267154	47.028	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	247945	49.831	ug/L	99
71) Naphthalene	14.089	128	722910	48.731	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	248645	49.848	ug/L	99

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

