

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049279.D
 Acq On : 18 Jun 2022 13:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050150

Quant Time: Jun 20 00:08:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 13 05:01:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	289687	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	270943	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	138003	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	95123	53.302	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.600%	
7) Chloroethane-d5	1.906	69	73378	56.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 112.000%	
11) 1,1-Dichloroethene-d2	2.565	63	179637	53.345	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 106.680%	
21) 2-Butanone-d5	4.620	46	201778	103.125	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 103.130%	
24) Chloroform-d	5.064	84	192989	50.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.380%	
26) 1,2-Dichloroethane-d4	5.700	65	121312	49.185	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.360%	
32) Benzene-d6	5.726	84	360676	53.684	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.360%	
36) 1,2-Dichloropropane-d6	6.691	67	128664	56.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 113.940%	
41) Toluene-d8	7.896	98	332599	56.133	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.260%	
43) trans-1,3-Dichloroprop...	8.179	79	59186	55.701	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 111.400%	
47) 2-Hexanone-d5	8.633	63	135869	114.940	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 114.940%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	188440	49.953	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 99.900%	
66) 1,2-Dichlorobenzene-d4	12.192	152	129365	53.876	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	141781	55.461	ug/L	100
3) Chloromethane	1.520	50	121806	45.204	ug/L	99
5) Vinyl chloride	1.601	62	131758	51.580	ug/L	92
6) Bromomethane	1.845	94	50051	35.422	ug/L	96
8) Chloroethane	1.929	64	76759	53.801	ug/L	95
9) Trichlorofluoromethane	2.135	101	167941	46.713	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	95284	46.689	ug/L	96
12) 1,1-Dichloroethene	2.578	96	85741	47.996	ug/L	96
13) Acetone	2.626	43	123664	80.319	ug/L	100
14) Carbon disulfide	2.790	76	261971	57.667	ug/L	100
15) Methyl Acetate	2.948	43	144422	47.293	ug/L	96
16) Methylene chloride	3.044	84	105432	45.321	ug/L	91
17) trans-1,2-Dichloroethene	3.353	96	92311	46.997	ug/L	94
18) Methyl tert-butyl Ether	3.363	73	324003	44.094	ug/L	97
19) 1,1-Dichloroethane	3.868	63	193547	45.739	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	106812	44.698	ug/L	97
22) 2-Butanone	4.700	43	212130	89.656	ug/L	97
23) Bromochloromethane	4.974	128	53213	42.427	ug/L	86
25) Chloroform	5.089	83	193253	43.822	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.794	62	155391	43.285	ug/L	99
29) Cyclohexane	5.388	56	193274	63.741	ug/L	93
30) 1,1,1-Trichloroethane	5.318	97	165425	43.780	ug/L	96
31) Carbon tetrachloride	5.523	117	141168	42.718	ug/L	100
33) Benzene	5.774	78	430619	49.057	ug/L	100
34) Trichloroethene	6.543	95	107651	48.653	ug/L	95
35) Methylcyclohexane	6.765	83	179440	58.100	ug/L	95
37) 1,2-Dichloropropane	6.790	63	119750	48.378	ug/L	99
38) Bromodichloromethane	7.105	83	145616	44.308	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	176737	48.524	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	404274	96.942	ug/L	96
42) Toluene	7.970	91	439518	48.443	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	166693	46.219	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	105968	44.180	ug/L	97
46) Tetrachloroethene	8.552	164	76359	44.514	ug/L	98
48) 2-Hexanone	8.684	43	315262	92.990	ug/L	96
49) Dibromochloromethane	8.809	129	111837	41.877	ug/L	99
50) 1,2-Dibromoethane	8.925	107	114460	45.361	ug/L	96
51) Chlorobenzene	9.446	112	272447	44.423	ug/L	95
52) Ethylbenzene	9.572	91	480536	48.713	ug/L	99
53) m,p-Xylene	9.694	106	176947	45.677	ug/L	87
54) o-Xylene	10.099	106	177276	45.421	ug/L	92
55) Styrene	10.115	104	302011	46.336	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	196106	43.872	ug/L	100
59) Bromoform	10.292	173	80970	39.757	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	155320	44.371	ug/L	96
61) Isopropylbenzene	10.485	105	468895	50.021	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	334700	41.822	ug/L	97
63) 1,2,4-Trimethylbenzene	11.469	105	408201	64.066	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	209647	45.592	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	207878	44.650	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	211220	44.262	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	50339	43.571	ug/L	97
69) 1,3,5-Trichlorobenzene	13.218	180	157482	47.940	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	139084	50.069	ug/L	99
71) Naphthalene	14.086	128	479981	48.840	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	146501	49.859	ug/L	99

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

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