

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047743.D
 Acq On : 28 Mar 2022 21:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050182

Quant Time: Mar 29 01:48:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	362324	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	368969	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	224237	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	95208	36.236	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.480%
7) Chloroethane-d5	1.919	69	86554	41.778	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.560%
11) 1,1-Dichloroethene-d2	2.575	63	195775	40.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.460%
21) 2-Butanone-d5	4.639	46	248590	110.230	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.230%
24) Chloroform-d	5.067	84	222228	46.225	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
26) 1,2-Dichloroethane-d4	5.703	65	138771	47.064	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
32) Benzene-d6	5.729	84	415713	44.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.560%
36) 1,2-Dichloropropane-d6	6.694	67	134071	47.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.040%
41) Toluene-d8	7.899	98	392056	43.342	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.680%
43) trans-1,3-Dichloroprop...	8.179	79	66705	46.178	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.360%
47) 2-Hexanone-d5	8.636	63	187748	112.481	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.480%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	249699	51.029	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.060%
66) 1,2-Dichlorobenzene-d4	12.192	152	183502	45.997	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	175396	52.215	ug/L	99
3) Chloromethane	1.527	50	166098	51.705	ug/L	99
5) Vinyl chloride	1.607	62	169565	51.755	ug/L	96
6) Bromomethane	1.864	94	97731	55.422	ug/L	99
8) Chloroethane	1.938	64	104175	50.651	ug/L	98
9) Trichlorofluoromethane	2.144	101	232530	50.331	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	138665	51.924	ug/L	98
12) 1,1-Dichloroethene	2.584	96	127294	51.217	ug/L	89
13) Acetone	2.658	43	171947	81.931	ug/L	97
14) Carbon disulfide	2.800	76	372927	47.469	ug/L	99
15) Methyl Acetate	2.961	43	182016	54.389	ug/L	98
16) Methylene chloride	3.051	84	151996	53.294	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	138149	51.534	ug/L	98
18) Methyl tert-butyl Ether	3.369	73	416415	55.060	ug/L	100
19) 1,1-Dichloroethane	3.874	63	247136	53.454	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	156071	53.105	ug/L	96
22) 2-Butanone	4.719	43	273447	101.148	ug/L	97
23) Bromochloromethane	4.977	128	86904	53.857	ug/L	98
25) Chloroform	5.092	83	270249	54.293	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	205477	53.431	ug/L	99
29) Cyclohexane	5.391	56	201581	53.841	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	228588	54.637	ug/L	99
31) Carbon tetrachloride	5.526	117	203249	53.799	ug/L	99
33) Benzene	5.777	78	586618	54.927	ug/L	100
34) Trichloroethene	6.542	95	152222	54.366	ug/L	99
35) Methylcyclohexane	6.764	83	228945	53.748	ug/L	99
37) 1,2-Dichloropropane	6.793	63	151461	55.787	ug/L	100
38) Bromodichloromethane	7.105	83	207172	55.568	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	232860	55.276	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	479970	111.854	ug/L	100
42) Toluene	7.970	91	650090	55.476	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	233408	55.492	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	158697	55.114	ug/L	98
46) Tetrachloroethene	8.555	164	132620	52.708	ug/L	98
48) 2-Hexanone	8.687	43	404425	109.569	ug/L	99
49) Dibromochloromethane	8.809	129	182929	54.851	ug/L	99
50) 1,2-Dibromoethane	8.925	107	179265	55.533	ug/L	100
51) Chlorobenzene	9.446	112	432006	54.295	ug/L	99
52) Ethylbenzene	9.571	91	684687	55.569	ug/L	99
53) m,p-Xylene	9.693	106	274617	56.801	ug/L	100
54) o-Xylene	10.102	106	265450	55.942	ug/L	99
55) Styrene	10.115	104	459718	56.745	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	296826	54.987	ug/L	99
59) Bromoform	10.291	173	156127	54.450	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	234233	55.410	ug/L	99
61) Isopropylbenzene	10.484	105	676238	55.800	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	365482	55.583	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	569375	57.007	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	357904	53.134	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	360891	51.725	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	360948	53.554	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	73201	54.059	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	281749	51.503	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	250815	52.344	ug/L	100
71) Naphthalene	14.086	128	789311	55.251	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	254904	53.066	ug/L	99

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

