

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110722\
 Data File : VU051772.D
 Acq On : 07 Nov 2022 16:47
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050119

Quant Time: Nov 08 00:39:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 08 00:38:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	513206	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	494328	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	271184	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	197651	48.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.080%
7) Chloroethane-d5	1.909	69	172745	51.492	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.980%
11) 1,1-Dichloroethene-d2	2.565	63	334400	48.240	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.480%
21) 2-Butanone-d5	4.620	46	281655	98.119	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.120%
24) Chloroform-d	5.063	84	363423	48.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.180%
26) 1,2-Dichloroethane-d4	5.700	65	216329	46.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.040%
32) Benzene-d6	5.726	84	752247	56.194	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.380%
36) 1,2-Dichloropropane-d6	6.687	67	237563	54.040	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.080%
41) Toluene-d8	7.896	98	687925	56.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.760%
43) trans-1,3-Dichloroprop...	8.176	79	98512	52.628	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.260%
47) 2-Hexanone-d5	8.629	63	215764	111.746	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.750%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	362876	47.517	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.040%
66) 1,2-Dichlorobenzene-d4	12.192	152	254892	50.210	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.420%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	169763	37.850	ug/L	100
3) Chloromethane	1.523	50	196665	34.306	ug/L	98
5) Vinyl chloride	1.600	62	230301	40.591	ug/L	95
6) Bromomethane	1.851	94	47115	15.977	ug/L	100
8) Chloroethane	1.932	64	150273	44.319	ug/L	97
9) Trichlorofluoromethane	2.137	101	272765	41.554	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	169137	42.157	ug/L	99
12) 1,1-Dichloroethene	2.578	96	165937	43.629	ug/L	96
13) Acetone	2.623	43	220058	67.277	ug/L	97
14) Carbon disulfide	2.790	76	485637	39.203	ug/L	99
15) Methyl Acetate	2.944	43	224096	45.302	ug/L	99
16) Methylene chloride	3.044	84	242591	48.592	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	176978	45.245	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	555293	49.644	ug/L	98
19) 1,1-Dichloroethane	3.867	63	348480	45.168	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	208538	48.867	ug/L	94
22) 2-Butanone	4.700	43	327030	86.148	ug/L	99
23) Bromochloromethane	4.973	128	113010	47.200	ug/L	95
25) Chloroform	5.086	83	366745	46.108	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	278800	45.141	ug/L	100
29) Cyclohexane	5.388	56	259895	50.042	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	280744	47.883	ug/L	100
31) Carbon tetrachloride	5.523	117	231821	46.828	ug/L	99
33) Benzene	5.771	78	823067	50.933	ug/L	100
34) Trichloroethene	6.539	95	191361	49.073	ug/L	95
35) Methylcyclohexane	6.761	83	282966	50.725	ug/L	98
37) 1,2-Dichloropropane	6.790	63	223639	50.464	ug/L	100
38) Bromodichloromethane	7.102	83	273692	48.514	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	311753	53.357	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	602714	101.786	ug/L	99
42) Toluene	7.967	91	875846	52.815	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	297582	52.336	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	219779	49.690	ug/L	99
46) Tetrachloroethene	8.552	164	147333	50.617	ug/L	98
48) 2-Hexanone	8.681	43	484618	95.776	ug/L	98
49) Dibromochloromethane	8.806	129	225901	49.900	ug/L	97
50) 1,2-Dibromoethane	8.922	107	228122	50.331	ug/L	99
51) Chlorobenzene	9.446	112	544056	50.099	ug/L	99
52) Ethylbenzene	9.568	91	875980	52.382	ug/L	98
53) m,p-Xylene	9.693	106	349397	54.205	ug/L	98
54) o-Xylene	10.099	106	340451	53.247	ug/L	96
55) Styrene	10.111	104	609137	54.824	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	388408	46.021	ug/L	100
59) Bromoform	10.288	173	168772	44.685	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	295279	42.016	ug/L	99
61) Isopropylbenzene	10.481	105	852119	50.036	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	712978	49.284	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	715408	50.222	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	417867	48.069	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	426907	47.753	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	426506	47.100	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	79185	41.747	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	280757	48.145	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	232772	51.846	ug/L	98
71) Naphthalene	14.082	128	813282	56.596	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	265191	55.025	ug/L	99

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

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