

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
 Data File : VU048659.D
 Acq On : 23 May 2022 18:32
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050139

Quant Time: May 24 02:56:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 24 02:53:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	220729	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	216136	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	131589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	38271	28.308	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	56.620%#
7) Chloroethane-d5	1.909	69	35506	35.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.100%
11) 1,1-Dichloroethene-d2	2.568	63	115827	37.883	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.760%
21) 2-Butanone-d5	4.620	46	126484	98.312	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.310%
24) Chloroform-d	5.063	84	159174	46.592	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.180%
26) 1,2-Dichloroethane-d4	5.703	65	113548	47.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.220%
32) Benzene-d6	5.729	84	252604	41.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.980%
36) 1,2-Dichloropropane-d6	6.690	67	78767	44.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.200%
41) Toluene-d8	7.899	98	238840	42.213	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.420%
43) trans-1,3-Dichloroprop...	8.179	79	47597	42.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.300%
47) 2-Hexanone-d5	8.632	63	95501	98.614	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.610%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	139600	47.774	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.540%
66) 1,2-Dichlorobenzene-d4	12.192	152	121139	45.032	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	107995	45.528	ug/L	98
3) Chloromethane	1.520	50	58565	40.015	ug/L	99
5) Vinyl chloride	1.604	62	66761	42.880	ug/L	99
6) Bromomethane	1.851	94	50294	44.746	ug/L	96
8) Chloroethane	1.928	64	40594	44.297	ug/L	100
9) Trichlorofluoromethane	2.137	101	146737	48.278	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	74804	48.265	ug/L	93
12) 1,1-Dichloroethene	2.578	96	68669	47.815	ug/L	99
13) Acetone	2.623	43	81284	77.766	ug/L	99
14) Carbon disulfide	2.793	76	180240	43.248	ug/L	100
15) Methyl Acetate	2.948	43	80136	44.922	ug/L	97
16) Methylene chloride	3.044	84	80245	47.996	ug/L	95
17) trans-1,2-Dichloroethene	3.353	96	73676	47.565	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	270972	50.422	ug/L	99
19) 1,1-Dichloroethane	3.871	63	138859	48.967	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	85736	49.082	ug/L	99
22) 2-Butanone	4.700	43	113942	85.855	ug/L	100
23) Bromochloromethane	4.973	128	49307	50.868	ug/L	94
25) Chloroform	5.089	83	166065	50.170	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	144065	50.737	ug/L	98
29) Cyclohexane	5.388	56	102197	46.035	ug/L	96
30) 1,1,1-Trichloroethane	5.317	97	165882	50.688	ug/L	98
31) Carbon tetrachloride	5.523	117	150638	50.507	ug/L	97
33) Benzene	5.774	78	307598	48.713	ug/L	100
34) Trichloroethene	6.542	95	89607	50.157	ug/L	99
35) Methylcyclohexane	6.764	83	121540	47.408	ug/L	98
37) 1,2-Dichloropropane	6.790	63	75072	47.546	ug/L	99
38) Bromodichloromethane	7.105	83	129694	50.769	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	130380	48.365	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	222361	92.285	ug/L	98
42) Toluene	7.970	91	343716	49.940	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	144104	50.689	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	85442	50.532	ug/L	99
46) Tetrachloroethene	8.552	164	75786	51.986	ug/L	97
48) 2-Hexanone	8.684	43	177505	85.981	ug/L	98
49) Dibromochloromethane	8.809	129	112551	51.775	ug/L	99
50) 1,2-Dibromoethane	8.925	107	96932	49.673	ug/L	98
51) Chlorobenzene	9.446	112	238032	49.588	ug/L	100
52) Ethylbenzene	9.571	91	384226	48.851	ug/L	98
53) m,p-Xylene	9.693	106	157650	49.876	ug/L	99
54) o-Xylene	10.099	106	150994	49.864	ug/L	99
55) Styrene	10.115	104	267712	50.848	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	138698	47.463	ug/L	99
59) Bromoform	10.291	173	91997	50.860	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	123787	47.433	ug/L	98
61) Isopropylbenzene	10.484	105	409389	50.517	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	233359	50.650	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	367141	51.246	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	202580	48.473	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	206809	47.687	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	207095	48.719	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	46968	46.548	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	157419	47.259	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	141968	47.123	ug/L	99
71) Naphthalene	14.086	128	432355	43.523	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	147584	48.791	ug/L	99

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

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