

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046677.D
 Acq On : 05 Jan 2022 21:22
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050155

Quant Time: Jan 06 03:06:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:54:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	199165	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	189502	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	100715	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	73434	42.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.500%
7) Chloroethane-d5	1.919	69	56831	44.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.040%
11) 1,1-Dichloroethene-d2	2.575	63	128538	43.485	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.960%
21) 2-Butanone-d5	4.645	46	117547	92.411	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.410%
24) Chloroform-d	5.067	84	134220	43.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.620%
26) 1,2-Dichloroethane-d4	5.703	65	86188	44.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.720%
32) Benzene-d6	5.729	84	270467	45.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.460%
36) 1,2-Dichloropropane-d6	6.694	67	79997	44.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.660%
41) Toluene-d8	7.899	98	247237	46.764	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.520%
43) trans-1,3-Dichloroprop...	8.179	79	40545	46.640	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.280%
47) 2-Hexanone-d5	8.636	63	97253	101.452	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.450%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	123134	44.061	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.120%
66) 1,2-Dichlorobenzene-d4	12.192	152	97619	46.841	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	81646	44.499	ug/L	100
3) Chloromethane	1.523	50	72547	44.431	ug/L	99
5) Vinyl chloride	1.607	62	78542	46.410	ug/L	100
6) Bromomethane	1.864	94	48621	45.351	ug/L	96
8) Chloroethane	1.941	64	47099	45.981	ug/L	98
9) Trichlorofluoromethane	2.144	101	113097	45.403	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	62304	44.473	ug/L	98
12) 1,1-Dichloroethene	2.588	96	61139	46.348	ug/L	95
13) Acetone	2.662	43	96326	79.572	ug/L	99
14) Carbon disulfide	2.800	76	167761	42.783	ug/L	100
15) Methyl Acetate	2.961	43	71599	46.307	ug/L	98
16) Methylene chloride	3.051	84	73118	44.997	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	63046	45.714	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	207153	50.555	ug/L	100
19) 1,1-Dichloroethane	3.877	63	115266	45.826	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	72255	48.884	ug/L	96
22) 2-Butanone	4.723	43	121570	88.091	ug/L	98
23) Bromochloromethane	4.980	128	37308	47.219	ug/L	94
25) Chloroform	5.092	83	127100	46.263	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	100157	47.449	ug/L	99
29) Cyclohexane	5.395	56	97122	48.213	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	111426	48.067	ug/L	99
31) Carbon tetrachloride	5.530	117	93394	46.510	ug/L	99
33) Benzene	5.777	78	269765	47.859	ug/L	100
34) Trichloroethene	6.542	95	70388	47.609	ug/L	99
35) Methylcyclohexane	6.764	83	113121	49.271	ug/L	99
37) 1,2-Dichloropropane	6.793	63	69506	48.190	ug/L	99
38) Bromodichloromethane	7.108	83	92588	46.678	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	106487	47.980	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	197427	100.126	ug/L	99
42) Toluene	7.970	91	290973	48.947	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	106193	49.319	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	70492	47.833	ug/L	99
46) Tetrachloroethene	8.555	164	53941	48.088	ug/L	98
48) 2-Hexanone	8.687	43	164721	98.561	ug/L	100
49) Dibromochloromethane	8.812	129	73809	45.602	ug/L	98
50) 1,2-Dibromoethane	8.925	107	75361	49.059	ug/L	97
51) Chlorobenzene	9.446	112	185975	48.130	ug/L	100
52) Ethylbenzene	9.571	91	319079	50.594	ug/L	100
53) m,p-Xylene	9.693	106	125959	51.714	ug/L	97
54) o-xylene	10.102	106	122533	52.609	ug/L	98
55) Styrene	10.115	104	210359	51.610	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	119480	46.356	ug/L	99
59) Bromoform	10.292	173	56896	46.489	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	99359	46.882	ug/L	99
61) Isopropylbenzene	10.484	105	323433	52.572	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	274663	53.110	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	278006	53.951	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	152284	49.384	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	152484	47.458	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	151193	48.783	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	29605	46.664	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	113966	48.254	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	104769	51.894	ug/L	98
71) Naphthalene	14.086	128	368665	56.146	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	107755	52.819	ug/L	99

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

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