

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047664.D
 Acq On : 25 Mar 2022 09:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050176

Quant Time: Mar 26 02:01:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	248473	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	257089	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154164	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	74777	41.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.000%
7) Chloroethane-d5	1.919	69	63748	44.869	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.740%
11) 1,1-Dichloroethene-d2	2.575	63	149146	45.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.480%
21) 2-Butanone-d5	4.639	46	152832	98.821	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.820%
24) Chloroform-d	5.070	84	158394	48.043	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.080%
26) 1,2-Dichloroethane-d4	5.706	65	96915	47.929	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.860%
32) Benzene-d6	5.732	84	312104	48.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.500%
36) 1,2-Dichloropropane-d6	6.693	67	97237	48.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.880%
41) Toluene-d8	7.899	98	302244	47.954	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.900%
43) trans-1,3-Dichloroprop...	8.182	79	49632	49.311	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.620%
47) 2-Hexanone-d5	8.635	63	115024	98.901	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	161670	47.417	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	131009	47.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	110232	47.852	ug/L	99
3) Chloromethane	1.526	50	102699	46.618	ug/L	100
5) Vinyl chloride	1.607	62	103961	46.271	ug/L	98
6) Bromomethane	1.864	94	60805	50.281	ug/L	99
8) Chloroethane	1.938	64	67254	47.683	ug/L	95
9) Trichlorofluoromethane	2.144	101	144741	45.684	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	87421	47.735	ug/L	96
12) 1,1-Dichloroethene	2.584	96	79277	46.513	ug/L	94
13) Acetone	2.652	43	152604	106.033	ug/L	100
14) Carbon disulfide	2.800	76	246760	45.802	ug/L	100
15) Methyl Acetate	2.957	43	109012	47.500	ug/L	99
16) Methylene chloride	3.050	84	92836	47.466	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	86596	47.104	ug/L	94
18) Methyl tert-butyl Ether	3.369	73	255367	49.237	ug/L	100
19) 1,1-Dichloroethane	3.874	63	153841	48.522	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	97192	48.224	ug/L	97
22) 2-Butanone	4.719	43	186289	100.482	ug/L	98
23) Bromochloromethane	4.980	128	53113	47.998	ug/L	99
25) Chloroform	5.092	83	163588	47.924	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	127015	48.162	ug/L	99
29) Cyclohexane	5.394	56	129970	49.821	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	143173	49.114	ug/L	99
31) Carbon tetrachloride	5.529	117	127183	48.315	ug/L	99
33) Benzene	5.777	78	366438	49.242	ug/L	100
34) Trichloroethene	6.546	95	94859	48.622	ug/L	98
35) Methylcyclohexane	6.767	83	148834	50.146	ug/L	100
37) 1,2-Dichloropropane	6.793	63	94148	49.768	ug/L	100
38) Bromodichloromethane	7.108	83	126943	48.866	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	145229	49.477	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	294524	98.507	ug/L	98
42) Toluene	7.970	91	408185	49.991	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	143340	48.909	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	96651	48.173	ug/L	99
46) Tetrachloroethene	8.555	164	85527	48.784	ug/L	99
48) 2-Hexanone	8.687	43	257006	99.930	ug/L	98
49) Dibromochloromethane	8.812	129	112180	48.275	ug/L	99
50) 1,2-Dibromoethane	8.925	107	109146	48.526	ug/L	98
51) Chlorobenzene	9.449	112	267728	48.291	ug/L	98
52) Ethylbenzene	9.571	91	426606	49.690	ug/L	98
53) m,p-Xylene	9.697	106	169574	50.338	ug/L	99
54) o-Xylene	10.102	106	164074	49.625	ug/L	99
55) Styrene	10.115	104	280604	49.710	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	178655	47.498	ug/L	99
59) Bromoform	10.291	173	92921	47.136	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	140479	48.337	ug/L	100
61) Isopropylbenzene	10.484	105	422399	50.697	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	227960	50.427	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	354260	51.591	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	228418	49.324	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	228112	47.556	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	226008	48.775	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	45955	49.364	ug/L	95
69) 1,3,5-Trichlorobenzene	13.220	180	182722	48.583	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	161302	48.964	ug/L	99
71) Naphthalene	14.089	128	475582	48.422	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	160687	48.657	ug/L	99

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

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