

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110121\
 Data File : VU045480.D
 Acq On : 01 Nov 2021 10:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050111

Quant Time: Nov 02 02:30:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 03:03:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	311928	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	297423	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	153924	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	113846	44.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.680%
7) Chloroethane-d5	1.916	69	98184	48.258	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.520%
11) 1,1-Dichloroethene-d2	2.575	63	214059	47.474	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.940%
21) 2-Butanone-d5	4.629	46	216830	102.054	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.050%
24) Chloroform-d	5.070	84	221709	48.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	5.707	65	143973	47.801	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
32) Benzene-d6	5.732	84	437129	47.558	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
36) 1,2-Dichloropropane-d6	6.694	67	142398	47.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.720%
41) Toluene-d8	7.903	98	383863	47.873	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.740%
43) trans-1,3-Dichloroprop...	8.182	79	70317	50.303	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.600%
47) 2-Hexanone-d5	8.636	63	157940	99.449	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.450%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213250	47.761	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.520%
66) 1,2-Dichlorobenzene-d4	12.198	152	145538	46.735	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	134943	48.958	ug/L	99
3) Chloromethane	1.523	50	151633	45.564	ug/L	99
5) Vinyl chloride	1.607	62	153238	48.977	ug/L	99
6) Bromomethane	1.861	94	79409	49.313	ug/L	100
8) Chloroethane	1.938	64	98013	53.027	ug/L	98
9) Trichlorofluoromethane	2.141	101	182025	49.163	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	114507	50.752	ug/L	99
12) 1,1-Dichloroethene	2.584	96	106165	49.865	ug/L	97
13) Acetone	2.642	43	240111	137.794	ug/L	99
14) Carbon disulfide	2.800	76	309173	50.793	ug/L	100
15) Methyl Acetate	2.954	43	148345	50.388	ug/L	100
16) Methylene chloride	3.051	84	130002	49.476	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	114470	50.251	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	409967	51.328	ug/L	100
19) 1,1-Dichloroethane	3.877	63	227497	50.107	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	132321	50.924	ug/L	97
22) 2-Butanone	4.710	43	289248	121.549	ug/L	100
23) Bromochloromethane	4.980	128	64078	51.223	ug/L	99
25) Chloroform	5.092	83	228954	50.392	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	188618	50.748	ug/L	99
29) Cyclohexane	5.395	56	213699	50.121	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	186969	49.504	ug/L	99
31) Carbon tetrachloride	5.530	117	147692	49.458	ug/L	100
33) Benzene	5.777	78	515882	50.006	ug/L	100
34) Trichloroethene	6.546	95	126009	50.883	ug/L	99
35) Methylcyclohexane	6.768	83	214825	49.924	ug/L	99
37) 1,2-Dichloropropane	6.793	63	136542	49.854	ug/L	100
38) Bromodichloromethane	7.108	83	173236	50.306	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	215585	51.455	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	411690	101.854	ug/L	99
42) Toluene	7.973	91	542084	50.495	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	207946	52.635	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	127445	50.108	ug/L	99
46) Tetrachloroethene	8.555	164	90016	51.242	ug/L	98
48) 2-Hexanone	8.687	43	366294	108.800	ug/L	99
49) Dibromochloromethane	8.813	129	127016	51.825	ug/L	100
50) 1,2-Dibromoethane	8.928	107	136055	50.972	ug/L	99
51) Chlorobenzene	9.449	112	328794	50.687	ug/L	99
52) Ethylbenzene	9.575	91	587967	51.636	ug/L	98
53) m,p-Xylene	9.697	106	225173	51.676	ug/L	98
54) o-xylene	10.102	106	220890	51.182	ug/L	99
55) Styrene	10.118	104	388247	53.546	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	225901	49.996	ug/L	99
59) Bromoform	10.295	173	89551	50.450	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	183689	48.460	ug/L	99
61) Isopropylbenzene	10.488	105	575858	50.610	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	500925	51.692	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	510912	51.876	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	258067	51.287	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	259904	51.057	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	257330	49.413	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	56039	50.637	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	192501	51.866	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	181729	53.593	ug/L	99
71) Naphthalene	14.089	128	700627	54.222	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	183887	52.991	ug/L	99

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

