

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011122\
 Data File : VU046721.D
 Acq On : 11 Jan 2022 11:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050160

Quant Time: Jan 12 04:47:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 23:26:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	166137	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	162719	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88946	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	68490	47.242	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.480%
7) Chloroethane-d5	1.919	69	53475	49.652	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.300%
11) 1,1-Dichloroethene-d2	2.575	63	120930	49.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.080%
21) 2-Butanone-d5	4.652	46	107135	100.970	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.970%
24) Chloroform-d	5.070	84	124502	48.715	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.440%
26) 1,2-Dichloroethane-d4	5.706	65	78299	48.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.620%
32) Benzene-d6	5.732	84	246905	48.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.240%
36) 1,2-Dichloropropane-d6	6.697	67	73696	47.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.120%
41) Toluene-d8	7.902	98	230296	50.730	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.460%
43) trans-1,3-Dichloroprop...	8.182	79	37576	50.339	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.680%
47) 2-Hexanone-d5	8.639	63	88095	107.024	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	118681	49.457	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	91969	49.969	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	78293	51.155	ug/L	100
3) Chloromethane	1.523	50	69240	50.836	ug/L	99
5) Vinyl chloride	1.610	62	72707	51.503	ug/L	100
6) Bromomethane	1.864	94	44801	50.096	ug/L	97
8) Chloroethane	1.941	64	45370	53.098	ug/L	91
9) Trichlorofluoromethane	2.147	101	110167	53.019	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	63060	53.962	ug/L	99
12) 1,1-Dichloroethene	2.587	96	57686	52.424	ug/L	97
13) Acetone	2.668	43	112417	111.326	ug/L	98
14) Carbon disulfide	2.800	76	151432	46.296	ug/L	99
15) Methyl Acetate	2.964	43	73568	57.040	ug/L	96
16) Methylene chloride	3.054	84	66760	49.252	ug/L	99
17) trans-1,2-Dichloroethene	3.362	96	60600	52.675	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	196287	57.426	ug/L	100
19) 1,1-Dichloroethane	3.877	63	111588	53.183	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	67221	54.519	ug/L	98
22) 2-Butanone	4.729	43	129863	112.807	ug/L	99
23) Bromochloromethane	4.983	128	35691	54.153	ug/L	95
25) Chloroform	5.092	83	124213	54.200	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	95399	54.180	ug/L	100
29) Cyclohexane	5.394	56	88001	50.876	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	107862	54.188	ug/L	99
31) Carbon tetrachloride	5.530	117	91190	52.888	ug/L	100
33) Benzene	5.777	78	259071	53.527	ug/L	100
34) Trichloroethene	6.546	95	64973	51.180	ug/L	100
35) Methylcyclohexane	6.771	83	103358	52.428	ug/L	100
37) 1,2-Dichloropropane	6.793	63	65808	53.136	ug/L	100
38) Bromodichloromethane	7.108	83	92200	54.134	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	104010	54.577	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	197457	116.624	ug/L	100
42) Toluene	7.973	91	287225	56.269	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	102281	55.320	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	68669	54.266	ug/L	98
46) Tetrachloroethene	8.555	164	52174	54.168	ug/L	96
48) 2-Hexanone	8.690	43	170526	118.828	ug/L	99
49) Dibromochloromethane	8.812	129	75651	54.433	ug/L	98
50) 1,2-Dibromoethane	8.928	107	73793	55.945	ug/L	97
51) Chlorobenzene	9.449	112	179721	54.167	ug/L	99
52) Ethylbenzene	9.574	91	300650	55.518	ug/L	100
53) m,p-Xylene	9.697	106	119270	57.027	ug/L	97
54) o-xylene	10.102	106	115499	57.751	ug/L	99
55) Styrene	10.118	104	205113	58.606	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	124009	56.033	ug/L	99
59) Bromoform	10.295	173	58617	54.232	ug/L	98
60) 1,2,3-Trichloropropane	10.825	75	100656	53.778	ug/L	99
61) Isopropylbenzene	10.488	105	306048	56.329	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	262808	57.541	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	266231	58.502	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	148663	54.589	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	153215	53.995	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	152669	55.777	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	29059	51.864	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	114934	55.103	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	98675	55.342	ug/L	99
71) Naphthalene	14.085	128	340078	58.645	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	103074	57.210	ug/L	99

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

