

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032822\
 Data File : VU047721.D
 Acq On : 28 Mar 2022 11:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050181

Quant Time: Mar 29 01:41:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 28 05:05:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	329007	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	341407	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	206842	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	97931	41.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.100%
7) Chloroethane-d5	1.919	69	84499	44.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.840%
11) 1,1-Dichloroethene-d2	2.575	63	201105	46.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.140%
21) 2-Butanone-d5	4.642	46	244955	119.617	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.620%
24) Chloroform-d	5.067	84	218776	50.115	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.240%
26) 1,2-Dichloroethane-d4	5.707	65	136304	50.909	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.820%
32) Benzene-d6	5.732	84	420423	48.939	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
36) 1,2-Dichloropropane-d6	6.694	67	133663	50.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	7.899	98	402833	48.129	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.260%
43) trans-1,3-Dichloroprop...	8.182	79	66563	49.800	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.600%
47) 2-Hexanone-d5	8.636	63	183474	118.795	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.790%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	242102	53.470	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.940%
66) 1,2-Dichlorobenzene-d4	12.195	152	184864	50.236	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	165631	54.301	ug/L	99
3) Chloromethane	1.527	50	151440	51.916	ug/L	100
5) Vinyl chloride	1.607	62	153082	51.456	ug/L	97
6) Bromomethane	1.864	94	89008	55.586	ug/L	97
8) Chloroethane	1.938	64	92799	49.689	ug/L	100
9) Trichlorofluoromethane	2.144	101	221155	52.716	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	133443	55.028	ug/L	97
12) 1,1-Dichloroethene	2.584	96	120360	53.331	ug/L	88
13) Acetone	2.658	43	256814	134.762	ug/L	99
14) Carbon disulfide	2.800	76	360140	50.484	ug/L	100
15) Methyl Acetate	2.961	43	170607	56.143	ug/L	99
16) Methylene chloride	3.051	84	138012	53.291	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	128547	52.808	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	382285	55.666	ug/L	100
19) 1,1-Dichloroethane	3.874	63	231125	55.053	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	145447	54.502	ug/L	96
22) 2-Butanone	4.719	43	298535	121.610	ug/L	98
23) Bromochloromethane	4.980	128	81665	55.736	ug/L	99
25) Chloroform	5.092	83	248138	54.899	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	190013	54.413	ug/L	99
29) Cyclohexane	5.391	56	196458	56.709	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	214881	55.508	ug/L	99
31) Carbon tetrachloride	5.530	117	192614	55.100	ug/L	100
33) Benzene	5.777	78	547267	55.380	ug/L	100
34) Trichloroethene	6.546	95	142269	54.913	ug/L	96
35) Methylcyclohexane	6.768	83	225550	57.225	ug/L	99
37) 1,2-Dichloropropane	6.793	63	142704	56.805	ug/L	100
38) Bromodichloromethane	7.108	83	193121	55.981	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	222821	57.163	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	451853	113.803	ug/L	99
42) Toluene	7.970	91	609037	56.168	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	220622	56.687	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	146313	54.915	ug/L	99
46) Tetrachloroethene	8.555	164	128918	55.373	ug/L	97
48) 2-Hexanone	8.687	43	400192	117.175	ug/L	99
49) Dibromochloromethane	8.812	129	172198	55.801	ug/L	99
50) 1,2-Dibromoethane	8.925	107	166150	55.626	ug/L	99
51) Chlorobenzene	9.449	112	407171	55.305	ug/L	99
52) Ethylbenzene	9.571	91	648737	56.901	ug/L	100
53) m,p-Xylene	9.693	106	261895	58.543	ug/L	99
54) o-Xylene	10.102	106	249781	56.889	ug/L	98
55) Styrene	10.115	104	433959	57.890	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	279073	55.871	ug/L	99
59) Bromoform	10.292	173	147488	55.762	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	217577	55.799	ug/L	99
61) Isopropylbenzene	10.484	105	645848	57.775	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	347188	57.242	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	546505	59.318	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	344778	55.490	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	350565	54.471	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	345003	55.493	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	69869	55.938	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	280718	55.630	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	247254	55.940	ug/L	99
71) Naphthalene	14.086	128	754060	57.222	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	251393	56.736	ug/L	99

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

