

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045444.D
 Acq On : 28 Oct 2021 16:54
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050110

Quant Time: Oct 29 03:13:50 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	322639	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	307598	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	156123	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	120326	45.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.640%
7) Chloroethane-d5	1.916	69	102573	48.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.480%
11) 1,1-Dichloroethene-d2	2.575	63	222318	47.669	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.340%
21) 2-Butanone-d5	4.629	46	208921	95.068	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.070%
24) Chloroform-d	5.070	84	230574	48.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.880%
26) 1,2-Dichloroethane-d4	5.706	65	150381	48.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.540%
32) Benzene-d6	5.732	84	458958	48.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.560%
36) 1,2-Dichloropropane-d6	6.693	67	148429	48.237	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	7.902	98	404241	48.747	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.500%
43) trans-1,3-Dichloroprop...	8.182	79	71116	49.191	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.380%
47) 2-Hexanone-d5	8.635	63	155373	94.596	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.600%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	218798	47.383	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.760%
66) 1,2-Dichlorobenzene-d4	12.195	152	153010	48.443	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	138790	48.682	ug/L	100
3) Chloromethane	1.520	50	158290	45.985	ug/L	100
5) Vinyl chloride	1.604	62	159171	49.184	ug/L	98
6) Bromomethane	1.861	94	85154	51.125	ug/L	100
8) Chloroethane	1.935	64	100652	52.647	ug/L	99
9) Trichlorofluoromethane	2.141	101	187736	49.022	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	116507	49.924	ug/L	99
12) 1,1-Dichloroethene	2.584	96	108565	49.299	ug/L	97
13) Acetone	2.639	43	181800	100.867	ug/L	100
14) Carbon disulfide	2.800	76	311280	49.441	ug/L	99
15) Methyl Acetate	2.954	43	148052	48.619	ug/L	99
16) Methylene chloride	3.051	84	132680	48.819	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	115946	49.209	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	407438	49.318	ug/L	99
19) 1,1-Dichloroethane	3.874	63	233676	49.759	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	133989	49.854	ug/L	100
22) 2-Butanone	4.710	43	241053	97.934	ug/L	99
23) Bromochloromethane	4.980	128	63985	49.451	ug/L	98
25) Chloroform	5.092	83	230408	49.029	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	190754	49.619	ug/L	99
29) Cyclohexane	5.394	56	218842	49.630	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	192150	49.193	ug/L	100
31) Carbon tetrachloride	5.529	117	151615	49.092	ug/L	99
33) Benzene	5.777	78	526287	49.327	ug/L	100
34) Trichloroethene	6.546	95	126596	49.429	ug/L	99
35) Methylcyclohexane	6.767	83	218657	49.133	ug/L	99
37) 1,2-Dichloropropane	6.796	63	137936	48.697	ug/L	100
38) Bromodichloromethane	7.108	83	175572	49.298	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	216254	49.907	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	401597	96.070	ug/L	99
42) Toluene	7.973	91	549468	49.490	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	205366	50.262	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	128132	48.712	ug/L	99
46) Tetrachloroethene	8.555	164	90913	50.041	ug/L	99
48) 2-Hexanone	8.687	43	331539	95.219	ug/L	100
49) Dibromochloromethane	8.812	129	124904	49.277	ug/L	100
50) 1,2-Dibromoethane	8.928	107	134728	48.805	ug/L	100
51) Chlorobenzene	9.449	112	328614	48.983	ug/L	99
52) Ethylbenzene	9.574	91	587619	49.898	ug/L	99
53) m,p-Xylene	9.697	106	226681	50.302	ug/L	97
54) o-xylene	10.105	106	221360	49.594	ug/L	97
55) Styrene	10.118	104	382975	51.072	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	222235	47.558	ug/L	98
59) Bromoform	10.295	173	86642	48.124	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	178957	46.546	ug/L	98
61) Isopropylbenzene	10.488	105	575349	49.853	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	496740	50.538	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	504449	50.498	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	251337	49.246	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	251187	48.650	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	252312	47.767	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	52833	47.068	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	187958	49.929	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	173978	50.585	ug/L	100
71) Naphthalene	14.089	128	668850	51.034	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	178365	50.676	ug/L	100

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

