

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044818.D
 Acq On : 24 Sep 2021 18:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050083

Quant Time: Sep 25 02:40:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 25 02:36:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	240539	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	236602	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	122040	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101345	38.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.980%
7) Chloroethane-d5	1.906	69	87522	41.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.880%
11) 1,1-Dichloroethene-d2	2.571	63	185745	42.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.000%
21) 2-Butanone-d5	4.626	46	219893	105.630	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.630%
24) Chloroform-d	5.070	84	191937	46.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
26) 1,2-Dichloroethane-d4	5.706	65	128348	45.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
32) Benzene-d6	5.732	84	369471	45.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.697	67	122236	45.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.320%
41) Toluene-d8	7.902	98	317063	44.751	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.500%
43) trans-1,3-Dichloroprop...	8.182	79	54214	45.527	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.060%
47) 2-Hexanone-d5	8.635	63	153422	103.418	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.420%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	197702	47.427	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.860%
66) 1,2-Dichlorobenzene-d4	12.195	152	124434	46.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	110306	47.893	ug/L	98
3) Chloromethane	1.517	50	140149	48.819	ug/L	99
5) Vinyl chloride	1.604	62	141522	50.317	ug/L	99
6) Bromomethane	1.842	94	76186	56.475	ug/L	99
8) Chloroethane	1.928	64	87497	49.567	ug/L	99
9) Trichlorofluoromethane	2.137	101	162988	50.630	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	99422	48.931	ug/L	99
12) 1,1-Dichloroethene	2.581	96	94429	50.695	ug/L	90
13) Acetone	2.629	43	171791	71.390	ug/L	100
14) Carbon disulfide	2.796	76	290941	48.754	ug/L	100
15) Methyl Acetate	2.951	43	152177	51.276	ug/L	98
16) Methylene chloride	3.050	84	117904	49.962	ug/L	96
17) trans-1,2-Dichloroethene	3.356	96	98466	50.181	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	335175	51.804	ug/L	99
19) 1,1-Dichloroethane	3.874	63	205141	50.253	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	113282	52.392	ug/L	97
22) 2-Butanone	4.706	43	244346	90.725	ug/L	99
23) Bromochloromethane	4.980	128	55626	50.749	ug/L	98
25) Chloroform	5.092	83	205609	50.665	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	171351	50.482	ug/L	99
29) Cyclohexane	5.391	56	183018	51.461	ug/L	99
30) 1,1,1-Trichloroethane	5.320	97	166498	50.836	ug/L	99
31) Carbon tetrachloride	5.529	117	132305	51.145	ug/L	99
33) Benzene	5.777	78	448781	51.141	ug/L	100
34) Trichloroethene	6.546	95	108103	51.288	ug/L	97
35) Methylcyclohexane	6.767	83	176995	50.156	ug/L	99
37) 1,2-Dichloropropane	6.796	63	123215	51.570	ug/L	100
38) Bromodichloromethane	7.111	83	149209	50.946	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	173630	50.788	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	422904	105.957	ug/L	100
42) Toluene	7.973	91	466469	52.316	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	167562	51.546	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	110454	51.011	ug/L	99
46) Tetrachloroethene	8.558	164	74849	49.682	ug/L	98
48) 2-Hexanone	8.687	43	353422	99.855	ug/L	98
49) Dibromochloromethane	8.816	129	107841	50.358	ug/L	99
50) 1,2-Dibromoethane	8.928	107	116819	51.529	ug/L	100
51) Chlorobenzene	9.452	112	276228	50.182	ug/L	99
52) Ethylbenzene	9.574	91	492441	52.280	ug/L	100
53) m,p-Xylene	9.697	106	190093	53.274	ug/L	97
54) o-xylene	10.105	106	187199	53.389	ug/L	98
55) Styrene	10.118	104	325676	54.010	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	203348	49.047	ug/L	100
59) Bromoform	10.295	173	77402	51.139	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	168730	49.988	ug/L	99
61) Isopropylbenzene	10.487	105	477036	53.411	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	405435	54.356	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	417434	54.651	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	211032	51.128	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	212466	50.171	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	218005	51.450	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	50780	52.349	ug/L	97
69) 1,3,5-Trichlorobenzene	13.220	180	148557	51.862	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	123428	51.853	ug/L	100
71) Naphthalene	14.089	128	465657	56.453	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	133390	54.771	ug/L	97

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

