

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071522\
 Data File : VU049749.D
 Acq On : 15 Jul 2022 20:08
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050166

Quant Time: Jul 15 23:10:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 23:03:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	199792	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	186307	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	90095	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	61765	36.640	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.280%
7) Chloroethane-d5	1.899	69	50010	41.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.080%
11) 1,1-Dichloroethene-d2	2.562	63	121331	40.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.500%
21) 2-Butanone-d5	4.620	46	169711	117.932	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.930%
24) Chloroform-d	5.060	84	152430	51.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.100%
26) 1,2-Dichloroethane-d4	5.700	65	104053	51.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.980%
32) Benzene-d6	5.726	84	266888	47.154	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.300%
36) 1,2-Dichloropropane-d6	6.690	67	96511	50.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.380%
41) Toluene-d8	7.896	98	229940	46.651	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.300%
43) trans-1,3-Dichloroprop...	8.179	79	40024	49.899	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.800%
47) 2-Hexanone-d5	8.632	63	96272	112.419	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.420%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	147504	55.374	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.740%
66) 1,2-Dichlorobenzene-d4	12.192	152	86187	50.737	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	102923	42.976	ug/L	100
3) Chloromethane	1.520	50	124427	47.339	ug/L	100
5) Vinyl chloride	1.600	62	103528	43.589	ug/L	99
6) Bromomethane	1.838	94	52873	48.181	ug/L	94
8) Chloroethane	1.922	64	60566	46.033	ug/L	98
9) Trichlorofluoromethane	2.131	101	130676	44.551	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	65953	42.851	ug/L	99
12) 1,1-Dichloroethene	2.575	96	63509	44.460	ug/L	98
13) Acetone	2.626	43	115333	84.332	ug/L	98
14) Carbon disulfide	2.787	76	189733	39.388	ug/L	99
15) Methyl Acetate	2.944	43	125409	56.443	ug/L	100
16) Methylene chloride	3.041	84	93269	51.850	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	70615	45.190	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	277882	51.917	ug/L	99
19) 1,1-Dichloroethane	3.864	63	163301	50.196	ug/L	96
20) cis-1,2-Dichloroethene	4.665	96	88160	50.199	ug/L	93
22) 2-Butanone	4.700	43	191468	104.569	ug/L	99
23) Bromochloromethane	4.973	128	45015	51.370	ug/L	96
25) Chloroform	5.086	83	165008	50.582	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	142103	51.157	ug/L	99
29) Cyclohexane	5.385	56	126826	43.612	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	134768	49.966	ug/L	99
31) Carbon tetrachloride	5.520	117	107595	48.773	ug/L	100
33) Benzene	5.771	78	349007	49.837	ug/L	100
34) Trichloroethene	6.542	95	80333	47.456	ug/L	96
35) Methylcyclohexane	6.761	83	112783	42.399	ug/L	98
37) 1,2-Dichloropropane	6.790	63	99627	51.326	ug/L	99
38) Bromodichloromethane	7.105	83	123633	51.373	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	131777	50.338	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	354431	112.792	ug/L	99
42) Toluene	7.967	91	346454	49.778	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	125093	50.892	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	90883	53.642	ug/L	98
46) Tetrachloroethene	8.552	164	53807	45.830	ug/L	98
48) 2-Hexanone	8.684	43	287319	114.420	ug/L	100
49) Dibromochloromethane	8.809	129	89583	52.570	ug/L	96
50) 1,2-Dibromoethane	8.922	107	92234	54.803	ug/L	99
51) Chlorobenzene	9.446	112	209596	49.728	ug/L	98
52) Ethylbenzene	9.568	91	355298	48.375	ug/L	99
53) m,p-Xylene	9.693	106	130144	48.731	ug/L	100
54) o-Xylene	10.098	106	136873	50.899	ug/L	100
55) Styrene	10.111	104	231406	52.143	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	161840	53.363	ug/L	100
59) Bromoform	10.291	173	63480	52.533	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	129317	53.887	ug/L	99
61) Isopropylbenzene	10.484	105	335582	49.883	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	287596	50.682	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	286359	50.797	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	145166	49.432	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	143626	48.687	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	155397	50.888	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	39843	56.662	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	98804	48.014	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	90200	47.765	ug/L	96
71) Naphthalene	14.085	128	379361	56.195	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	101658	51.969	ug/L	99

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

