

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071822\
 Data File : VU049775.D
 Acq On : 18 Jul 2022 21:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050168

Quant Time: Jul 19 02:14:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 19 02:09:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	189360	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	179464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	89570	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77804	48.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.400%
7) Chloroethane-d5	1.900	69	58276	50.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.920%
11) 1,1-Dichloroethene-d2	2.562	63	131710	46.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.340%
21) 2-Butanone-d5	4.620	46	147603	108.220	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.220%
24) Chloroform-d	5.064	84	143474	50.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.700	65	98074	51.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.420%
32) Benzene-d6	5.726	84	265476	48.693	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.380%
36) 1,2-Dichloropropane-d6	6.691	67	90852	49.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.080%
41) Toluene-d8	7.896	98	228745	48.178	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.360%
43) trans-1,3-Dichloroprop...	8.179	79	36965	47.842	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.680%
47) 2-Hexanone-d5	8.633	63	81475	98.768	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.770%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	133359	51.973	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.940%
66) 1,2-Dichlorobenzene-d4	12.192	152	81894	48.493	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	100949	44.474	ug/L	99
3) Chloromethane	1.520	50	122827	49.305	ug/L	99
5) Vinyl chloride	1.601	62	100040	44.440	ug/L	99
6) Bromomethane	1.839	94	53734	51.663	ug/L	99
8) Chloroethane	1.922	64	58203	46.674	ug/L	98
9) Trichlorofluoromethane	2.131	101	128820	46.338	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	63744	43.697	ug/L	99
12) 1,1-Dichloroethene	2.575	96	62621	46.253	ug/L	94
13) Acetone	2.623	43	112165	86.534	ug/L	99
14) Carbon disulfide	2.787	76	178082	39.006	ug/L	99
15) Methyl Acetate	2.945	43	121027	57.472	ug/L	99
16) Methylene chloride	3.041	84	88997	52.201	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	69617	47.005	ug/L	99
18) Methyl tert-butyl Ether	3.363	73	268312	52.891	ug/L	100
19) 1,1-Dichloroethane	3.867	63	156908	50.888	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	85052	51.097	ug/L	95
22) 2-Butanone	4.700	43	185251	106.747	ug/L	98
23) Bromochloromethane	4.974	128	43197	52.011	ug/L	97
25) Chloroform	5.086	83	163719	52.951	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	137416	52.195	ug/L	99
29) Cyclohexane	5.385	56	120102	42.875	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	131315	50.542	ug/L	99
31) Carbon tetrachloride	5.523	117	104426	49.142	ug/L	100
33) Benzene	5.771	78	341500	50.624	ug/L	100
34) Trichloroethene	6.539	95	78566	48.182	ug/L	97
35) Methylcyclohexane	6.761	83	110622	43.172	ug/L	99
37) 1,2-Dichloropropane	6.790	63	96920	51.835	ug/L	100
38) Bromodichloromethane	7.105	83	117246	50.576	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	125890	49.923	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	342552	113.169	ug/L	99
42) Toluene	7.967	91	339294	50.608	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	120354	50.831	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	88314	54.113	ug/L	98
46) Tetrachloroethene	8.552	164	52721	46.617	ug/L	98
48) 2-Hexanone	8.684	43	274737	113.581	ug/L	99
49) Dibromochloromethane	8.809	129	86955	52.974	ug/L	94
50) 1,2-Dibromoethane	8.922	107	90219	55.650	ug/L	98
51) Chlorobenzene	9.446	112	204360	50.334	ug/L	99
52) Ethylbenzene	9.568	91	347520	49.120	ug/L	100
53) m,p-Xylene	9.694	106	129582	50.371	ug/L	99
54) o-Xylene	10.099	106	131499	50.765	ug/L	96
55) Styrene	10.115	104	225638	52.782	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	159577	54.623	ug/L	99
59) Bromoform	10.288	173	62562	52.076	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	130256	54.597	ug/L	100
61) Isopropylbenzene	10.485	105	329343	49.243	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	285653	50.635	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	279355	49.845	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	145185	49.728	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	143158	48.813	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	155064	51.077	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	38300	54.787	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	99379	48.576	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	89314	47.573	ug/L	98
71) Naphthalene	14.086	128	339361	50.564	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	98058	50.422	ug/L	98

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

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