

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071422\
 Data File : VU049723.D
 Acq On : 14 Jul 2022 17:00
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050164

Quant Time: Jul 15 04:05:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 15 04:01:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	196648	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	184799	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	92678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	66820	40.272	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.540%
7) Chloroethane-d5	1.899	69	52065	43.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.820%
11) 1,1-Dichloroethene-d2	2.565	63	124937	42.629	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.260%
21) 2-Butanone-d5	4.623	46	168397	118.890	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.890%
24) Chloroform-d	5.063	84	148346	50.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.960%
26) 1,2-Dichloroethane-d4	5.700	65	101880	51.224	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.440%
32) Benzene-d6	5.726	84	264444	47.103	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.690	67	95219	50.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.840%
41) Toluene-d8	7.896	98	229301	46.901	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.179	79	39485	49.629	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.260%
47) 2-Hexanone-d5	8.632	63	96984	114.175	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	145405	55.031	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.060%
66) 1,2-Dichlorobenzene-d4	12.192	152	84483	48.348	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	104364	44.274	ug/L	97
3) Chloromethane	1.520	50	126517	48.904	ug/L	100
5) Vinyl chloride	1.600	62	106119	45.394	ug/L	98
6) Bromomethane	1.838	94	51459	47.642	ug/L	99
8) Chloroethane	1.922	64	57906	44.715	ug/L	100
9) Trichlorofluoromethane	2.131	101	131811	45.656	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	66506	43.901	ug/L	99
12) 1,1-Dichloroethene	2.575	96	65045	46.263	ug/L	99
13) Acetone	2.626	43	114849	85.321	ug/L	96
14) Carbon disulfide	2.787	76	189234	39.913	ug/L	99
15) Methyl Acetate	2.948	43	125617	57.441	ug/L	99
16) Methylene chloride	3.041	84	89535	50.570	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	70130	45.597	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	272777	51.778	ug/L	99
19) 1,1-Dichloroethane	3.867	63	161165	50.332	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	85639	49.543	ug/L	100
22) 2-Butanone	4.703	43	190780	105.859	ug/L	100
23) Bromochloromethane	4.973	128	45315	52.539	ug/L	97
25) Chloroform	5.086	83	165392	51.510	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	140021	51.213	ug/L	98
29) Cyclohexane	5.385	56	127761	44.292	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	130715	48.859	ug/L	100
31) Carbon tetrachloride	5.523	117	103550	47.323	ug/L	99
33) Benzene	5.774	78	347447	50.019	ug/L	100
34) Trichloroethene	6.539	95	78881	46.978	ug/L	98
35) Methylcyclohexane	6.761	83	114610	43.437	ug/L	97
37) 1,2-Dichloropropane	6.790	63	98072	50.937	ug/L	99
38) Bromodichloromethane	7.105	83	120502	50.480	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	135533	52.195	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	351666	112.826	ug/L	98
42) Toluene	7.970	91	339086	49.117	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	125563	51.500	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	86654	51.563	ug/L	98
46) Tetrachloroethene	8.552	164	54523	46.819	ug/L	98
48) 2-Hexanone	8.684	43	282573	113.448	ug/L	99
49) Dibromochloromethane	8.809	129	85624	50.657	ug/L	94
50) 1,2-Dibromoethane	8.922	107	89914	53.861	ug/L	100
51) Chlorobenzene	9.446	112	206138	49.307	ug/L	99
52) Ethylbenzene	9.571	91	352909	48.442	ug/L	98
53) m,p-Xylene	9.693	106	130845	49.393	ug/L	99
54) o-Xylene	10.099	106	134042	50.253	ug/L	99
55) Styrene	10.115	104	225714	51.276	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	160299	53.286	ug/L	100
59) Bromoform	10.291	173	61213	49.245	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	128796	52.174	ug/L	99
61) Isopropylbenzene	10.484	105	333677	48.218	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	287816	49.307	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	281563	48.554	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	146466	48.484	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	142932	47.102	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	152239	48.465	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	38227	52.849	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	99905	47.196	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	85674	44.104	ug/L	96
71) Naphthalene	14.085	128	334602	48.183	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	94313	46.870	ug/L	97

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

