

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100522\
 Data File : VU051115.D
 Acq On : 05 Oct 2022 09:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050107

Quant Time: Oct 06 02:53:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	408616	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	415578	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	205232	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	173591	41.919	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.840%		
7) Chloroethane-d5	1.906	69	156415	40.661	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.320%		
11) 1,1-Dichloroethene-d2	2.568	63	287118	46.937	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.880%		
21) 2-Butanone-d5	4.623	46	266505	99.225	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.220%		
24) Chloroform-d	5.063	84	337409	50.572	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.140%		
26) 1,2-Dichloroethane-d4	5.700	65	207685	50.291	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.580%		
32) Benzene-d6	5.726	84	658891	54.142	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	108.280%		
36) 1,2-Dichloropropane-d6	6.690	67	218182	55.250	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	110.500%		
41) Toluene-d8	7.896	98	592449	52.691	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.380%		
43) trans-1,3-Dichloroprop...	8.179	79	78723	41.795	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.600%		
47) 2-Hexanone-d5	8.632	63	139662	87.588	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.590%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	331488	48.031	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.060%		
66) 1,2-Dichlorobenzene-d4	12.192	152	204881	46.730	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	175278	51.154	ug/L	99
3) Chloromethane	1.520	50	223047	55.096	ug/L	99
5) Vinyl chloride	1.604	62	223267	51.966	ug/L	97
6) Bromomethane	1.851	94	129167	36.294	ug/L	98
8) Chloroethane	1.929	64	142329	45.113	ug/L	98
9) Trichlorofluoromethane	2.138	101	265692	45.991	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	159281	51.060	ug/L	99
12) 1,1-Dichloroethene	2.581	96	151703	52.061	ug/L	88
13) Acetone	2.629	43	214094	99.822	ug/L	98
14) Carbon disulfide	2.793	76	452193	52.498	ug/L	100
15) Methyl Acetate	2.948	43	222239	56.756	ug/L	96
16) Methylene chloride	3.044	84	205133	49.039	ug/L	99
17) trans-1,2-Dichloroethene	3.353	96	159569	51.474	ug/L	96
18) Methyl tert-butyl Ether	3.363	73	488476	51.851	ug/L	99
19) 1,1-Dichloroethane	3.867	63	326770	55.492	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	184295	53.244	ug/L	97
22) 2-Butanone	4.700	43	319235	107.730	ug/L	98
23) Bromochloromethane	4.973	128	100875	53.190	ug/L	94
25) Chloroform	5.086	83	352355	55.011	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	262296	53.459	ug/L	99
29) Cyclohexane	5.391	56	228592	56.492	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	266765	54.734	ug/L	99
31) Carbon tetrachloride	5.523	117	220639	55.485	ug/L	100
33) Benzene	5.774	78	757875	59.818	ug/L	100
34) Trichloroethene	6.542	95	181194	55.216	ug/L	99
35) Methylcyclohexane	6.764	83	233935	52.377	ug/L	97
37) 1,2-Dichloropropane	6.790	63	205842	60.332	ug/L	99
38) Bromodichloromethane	7.105	83	262002	57.542	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	230896	47.786	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	579927	117.371	ug/L	98
42) Toluene	7.970	91	790622	58.668	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	228201	46.709	ug/L	96
45) 1,1,2-Trichloroethane	8.398	97	203127	54.964	ug/L	98
46) Tetrachloroethene	8.552	164	124486	50.057	ug/L	97
48) 2-Hexanone	8.684	43	496441	110.618	ug/L	98
49) Dibromochloromethane	8.809	129	204688	52.680	ug/L	98
50) 1,2-Dibromoethane	8.922	107	207527	51.793	ug/L	97
51) Chlorobenzene	9.446	112	471079	51.403	ug/L	100
52) Ethylbenzene	9.571	91	736755	51.254	ug/L	100
53) m,p-Xylene	9.693	106	291397	53.907	ug/L	98
54) o-Xylene	10.102	106	284825	52.716	ug/L	98
55) Styrene	10.115	104	523005	56.007	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	343364	52.498	ug/L	99
59) Bromoform	10.288	173	154221	51.071	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	280258	51.892	ug/L	98
61) Isopropylbenzene	10.484	105	697591	52.324	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	568935	52.187	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	574995	52.624	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	340478	49.538	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	343905	50.056	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	358942	50.831	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	78460	49.782	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	218367	46.852	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	167864	44.020	ug/L	99
71) Naphthalene	14.086	128	605746	44.381	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	206567	48.544	ug/L	99

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

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