

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
 Data File : VU047893.D
 Acq On : 09 Apr 2022 01:29
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050190

Quant Time: Apr 09 02:10:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 09 01:58:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	320794	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	330807	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	194793	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	116367	50.023	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.040%	
7) Chloroethane-d5	1.916	69	97408	53.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 106.200%	
11) 1,1-Dichloroethene-d2	2.571	63	205105	48.190	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 96.380%	
21) 2-Butanone-d5	4.620	46	194716	97.519	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 97.520%	
24) Chloroform-d	5.067	84	223572	52.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.040%	
26) 1,2-Dichloroethane-d4	5.703	65	137062	52.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.000%	
32) Benzene-d6	5.729	84	444105	53.352	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.700%	
36) 1,2-Dichloropropane-d6	6.690	67	140510	54.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.920%	
41) Toluene-d8	7.899	98	417183	51.440	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 102.880%	
43) trans-1,3-Dichloroprop...	8.179	79	61731	47.664	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 95.320%	
47) 2-Hexanone-d5	8.632	63	148493	99.226	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 99.230%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	220472	50.253	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 100.500%	
66) 1,2-Dichlorobenzene-d4	12.195	152	173487	50.060	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 100.120%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	140042	47.088	ug/L	99
3) Chloromethane	1.523	50	139695	49.115	ug/L	100
5) Vinyl chloride	1.607	62	152041	52.414	ug/L	98
6) Bromomethane	1.858	94	62391	39.961	ug/L	99
8) Chloroethane	1.935	64	92861	50.995	ug/L	99
9) Trichlorofluoromethane	2.141	101	200170	48.935	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	114725	48.521	ug/L	97
12) 1,1-Dichloroethene	2.581	96	110175	50.068	ug/L	93
13) Acetone	2.623	43	135532	72.941	ug/L	98
14) Carbon disulfide	2.797	76	313733	45.105	ug/L	100
15) Methyl Acetate	2.948	43	147668	49.838	ug/L	97
16) Methylene chloride	3.051	84	137959	54.635	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	117221	49.388	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	358489	53.537	ug/L	100
19) 1,1-Dichloroethane	3.870	63	221840	54.194	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	136352	52.402	ug/L	97
22) 2-Butanone	4.700	43	209207	87.404	ug/L	96
23) Bromochloromethane	4.977	128	75726	53.005	ug/L	100
25) Chloroform	5.089	83	237397	53.867	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	179830	52.816	ug/L	99
29) Cyclohexane	5.391	56	172343	51.342	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	196960	52.509	ug/L	99
31) Carbon tetrachloride	5.526	117	167641	49.493	ug/L	100
33) Benzene	5.777	78	550140	57.454	ug/L	100
34) Trichloroethene	6.542	95	130890	52.140	ug/L	99
35) Methylcyclohexane	6.764	83	182338	47.744	ug/L	98
37) 1,2-Dichloropropane	6.793	63	134895	55.417	ug/L	100
38) Bromodichloromethane	7.105	83	176860	52.910	ug/L	96
39) cis-1,3-Dichloropropene	7.607	75	192238	50.898	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	389196	101.163	ug/L	98
42) Toluene	7.970	91	563206	53.606	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	188594	50.010	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	139725	54.123	ug/L	99
46) Tetrachloroethene	8.555	164	110722	49.081	ug/L	99
48) 2-Hexanone	8.684	43	321887	97.267	ug/L	97
49) Dibromochloromethane	8.809	129	151434	50.645	ug/L	100
50) 1,2-Dibromoethane	8.925	107	150905	52.141	ug/L	99
51) Chlorobenzene	9.446	112	434970	60.974	ug/L	98
52) Ethylbenzene	9.571	91	577237	52.252	ug/L	98
53) m,p-Xylene	9.693	106	226550	52.265	ug/L	99
54) o-Xylene	10.102	106	226099	53.146	ug/L	98
55) Styrene	10.115	104	385599	53.087	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	247303	51.097	ug/L	99
59) Bromoform	10.291	173	126491	50.782	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	192724	52.482	ug/L	98
61) Isopropylbenzene	10.484	105	566050	53.768	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	294570	51.570	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	461634	53.206	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	301749	51.568	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	351557	58.004	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	340975	58.237	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	55309	47.020	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	229839	48.364	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	218468	52.485	ug/L	99
71) Naphthalene	14.089	128	612290	49.338	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	218160	52.281	ug/L	99

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

