

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047075.D
 Acq On : 10 Feb 2022 15:24
 Operator : SY/MD
 Sample : VSTD05045
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050045

Quant Time: Feb 10 15:50:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 10 15:49:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	503973	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	469686	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	252589	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	224062	50.354	ug/L	0.00
7) Chloroethane-d5	1.919	69	169780	51.104	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	366560	48.875	ug/L	0.00
21) 2-Butanone-d5	4.629	46	362996	109.794	ug/L	0.00
24) Chloroform-d	5.067	84	360561	46.555	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	231460	47.090	ug/L	0.00
32) Benzene-d6	5.732	84	769744	51.818	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	247625	53.748	ug/L	0.00
41) Toluene-d8	7.899	98	728597	54.421	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	130181	57.896	ug/L	0.00
47) 2-Hexanone-d5	8.633	63	286853	117.495	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	357777	50.883	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	288237	53.578	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	217382	47.262	ug/L	98
3) Chloromethane	1.527	50	216338	51.668	ug/L	100
5) Vinyl chloride	1.607	62	218341	50.741	ug/L	99
6) Bromomethane	1.864	94	130246	48.195	ug/L	96
8) Chloroethane	1.938	64	128162	49.239	ug/L	96
9) Trichlorofluoromethane	2.144	101	252778	41.430	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	153902	44.272	ug/L	95
12) 1,1-Dichloroethene	2.588	96	151825	46.000	ug/L	98
13) Acetone	2.642	43	246200	83.410	ug/L	96
14) Carbon disulfide	2.800	76	482838	48.620	ug/L	100
15) Methyl Acetate	2.954	43	206184	52.394	ug/L	95
16) Methylene chloride	3.051	84	170874	42.378	ug/L	95
17) trans-1,2-Dichloroethene	3.359	96	160966	46.640	ug/L	94
18) Methyl tert-butyl Ether	3.366	73	542160	51.933	ug/L	96
19) 1,1-Dichloroethane	3.877	63	301925	47.772	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	180828	48.754	ug/L #	96
22) 2-Butanone	4.710	43	337114	97.487	ug/L	96
23) Bromochloromethane	4.980	128	93940	47.529	ug/L	97
25) Chloroform	5.092	83	297557	43.915	ug/L	99
27) 1,2-Dichloroethane	5.797	62	235418	45.142	ug/L	100
29) Cyclohexane	5.395	56	287603	56.685	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	263937	46.804	ug/L	99
31) Carbon tetrachloride	5.530	117	229931	46.909	ug/L	99
33) Benzene	5.777	78	688252	49.622	ug/L	100
34) Trichloroethene	6.546	95	179154	49.013	ug/L	99
35) Methylcyclohexane	6.768	83	300462	52.728	ug/L	96
37) 1,2-Dichloropropane	6.793	63	183550	51.297	ug/L	99
38) Bromodichloromethane	7.108	83	234907	48.321	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	305083	54.702	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	588543	116.809	ug/L	95
42) Toluene	7.970	91	757200	51.652	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	291008	53.808	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	173055	47.916	ug/L	98
46) Tetrachloroethene	8.555	164	142789	51.049	ug/L	95
48) 2-Hexanone	8.684	43	492440	116.389	ug/L	95
49) Dibromochloromethane	8.813	129	201078	50.034	ug/L	99
50) 1,2-Dibromoethane	8.925	107	192450	50.702	ug/L	99
51) Chlorobenzene	9.449	112	486070	50.748	ug/L	100
52) Ethylbenzene	9.571	91	829226	52.931	ug/L	98
53) m,p-Xylene	9.697	106	330013	54.360	ug/L	94
54) o-xylene	10.102	106	321593	55.245	ug/L	97
55) Styrene	10.115	104	552839	54.496	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	305289	48.233	ug/L	99
59) Bromoform	10.292	173	164152	52.730	ug/L	97
60) 1,2,3-Trichloropropane	10.825	75	251782	47.837	ug/L	97
61) Isopropylbenzene	10.488	105	837601	54.152	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	585595	46.902	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	712427	55.036	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	388308	50.227	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	386746	48.233	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	382319	49.353	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	77934	49.201	ug/L	91
69) 1,3,5-Trichlorobenzene	13.221	180	297204	49.975	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	282115	54.732	ug/L	99
71) Naphthalene	14.086	128	1016873	60.322	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	283630	54.823	ug/L	98

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

