

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051622\
 Data File : VU048579.D
 Acq On : 16 May 2022 13:28
 Operator : SY/MD
 Sample : VSTD05070
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050070

Quant Time: May 17 06:43:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 17 06:41:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	268269	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	257073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	155507	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76867	35.602	ug/L	0.00
7) Chloroethane-d5	1.912	69	59904	42.374	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	181444	45.138	ug/L	0.00
21) 2-Butanone-d5	4.629	46	163291	85.966	ug/L	0.00
24) Chloroform-d	5.063	84	205068	50.963	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	144744	54.425	ug/L	0.00
32) Benzene-d6	5.729	84	359111	46.957	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	104605	42.946	ug/L	0.00
41) Toluene-d8	7.899	98	343736	50.158	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	66202	55.336	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	122892	100.673	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	169313	45.068	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	150385	48.901	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	147095	57.738	ug/L	100
3) Chloromethane	1.523	50	83703	32.322	ug/L	100
5) Vinyl chloride	1.604	62	93617	37.331	ug/L	100
6) Bromomethane	1.858	94	67895	51.924	ug/L	100
8) Chloroethane	1.932	64	55761	40.934	ug/L	100
9) Trichlorofluoromethane	2.137	101	189161	53.270	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	97688	48.922	ug/L	100
12) 1,1-Dichloroethene	2.581	96	88726	47.539	ug/L	100
13) Acetone	2.639	43	134221	89.724	ug/L	100
14) Carbon disulfide	2.793	76	247252	43.430	ug/L	100
15) Methyl Acetate	2.951	43	110965	38.320	ug/L	100
16) Methylene chloride	3.047	84	100235	44.463	ug/L	100
17) trans-1,2-Dichloroethene	3.356	96	94218	47.422	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	337223	49.726	ug/L	100
19) 1,1-Dichloroethane	3.871	63	178185	44.029	ug/L	100
20) cis-1,2-Dichloroethene	4.668	96	108625	48.024	ug/L	100
22) 2-Butanone	4.710	43	171635	80.097	ug/L	100
23) Bromochloromethane	4.977	128	59876	49.623	ug/L	100
25) Chloroform	5.089	83	205817	50.041	ug/L	100
27) 1,2-Dichloroethane	5.797	62	177909	52.038	ug/L	100
29) Cyclohexane	5.391	56	141378	41.652	ug/L	100
30) 1,1,1-Trichloroethane	5.317	97	204268	55.425	ug/L	100
31) Carbon tetrachloride	5.526	117	187776	58.522	ug/L	100
33) Benzene	5.774	78	395660	45.479	ug/L	100
34) Trichloroethene	6.542	95	111078	50.377	ug/L	100
35) Methylcyclohexane	6.764	83	163035	47.583	ug/L	100
37) 1,2-Dichloropropane	6.790	63	99044	41.612	ug/L	100
38) Bromodichloromethane	7.105	83	161737	52.735	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	171352	48.952	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	309093	81.339	ug/L	100
42) Toluene	7.970	91	440075	48.398	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	183654	52.773	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	106622	47.751	ug/L	100
46) Tetrachloroethene	8.555	164	93586	55.440	ug/L	100
48) 2-Hexanone	8.684	43	264198	82.966	ug/L	100
49) Dibromochloromethane	8.809	129	137462	55.288	ug/L	100
50) 1,2-Dibromoethane	8.925	107	120797	50.687	ug/L	100
51) Chlorobenzene	9.446	112	295613	50.661	ug/L	100
52) Ethylbenzene	9.571	91	491437	51.221	ug/L	100
53) m,p-Xylene	9.693	106	199175	53.275	ug/L	100
54) o-Xylene	10.099	106	192810	51.823	ug/L	100
55) Styrene	10.115	104	333035	54.420	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	179152	43.913	ug/L	100
59) Bromoform	10.291	173	110866	49.472	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	161391	41.020	ug/L	100
61) Isopropylbenzene	10.484	105	515993	47.587	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	295488	49.043	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	463655	51.503	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	251193	48.598	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	254604	48.943	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	252012	47.881	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	60901	50.342	ug/L	100
69) 1,3,5-Trichlorobenzene	13.221	180	199106	53.239	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	181695	54.704	ug/L	100
71) Naphthalene	14.086	128	584122	46.427	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	181686	52.044	ug/L	100

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

