

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050622\
 Data File : VU048455.D
 Acq On : 06 May 2022 14:34
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100065

Quant Time: May 06 23:21:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 06 23:19:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	411085	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	409665	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	224510	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	359885	96.650	ug/L	0.00
7) Chloroethane-d5	1.896	69	236495	91.594	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	630130	103.743	ug/L	0.00
21) 2-Butanone-d5	4.620	46	642684	203.726	ug/L	0.00
24) Chloroform-d	5.063	84	624081	93.151	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	401907	99.181	ug/L	0.00
32) Benzene-d6	5.726	84	1244503	97.399	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	410113	96.760	ug/L	0.00
41) Toluene-d8	7.899	98	1130871	98.249	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	193261	103.086	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	447601	204.567	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	651091	90.536	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	437945	89.190	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	359197	113.747	ug/L	100
3) Chloromethane	1.523	50	416453	114.708	ug/L	98
5) Vinyl chloride	1.604	62	395435	109.765	ug/L	99
6) Bromomethane	1.835	94	201903	115.182	ug/L	100
8) Chloroethane	1.919	64	212888	106.451	ug/L	98
9) Trichlorofluoromethane	2.131	101	506905	108.429	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	287870	94.806	ug/L	99
12) 1,1-Dichloroethene	2.578	96	283378	105.191	ug/L	97
13) Acetone	2.623	43	395927	193.006	ug/L	99
14) Carbon disulfide	2.793	76	876845	127.010	ug/L	100
15) Methyl Acetate	2.944	43	461530	111.807	ug/L	98
16) Methylene chloride	3.044	84	348063	101.728	ug/L	97
17) trans-1,2-Dichloroethene	3.353	96	300036	106.626	ug/L	95
18) Methyl tert-butyl Ether	3.362	73	1047572	113.185	ug/L	99
19) 1,1-Dichloroethane	3.867	63	618062	105.615	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	344089	103.848	ug/L	97
22) 2-Butanone	4.697	43	683637	225.450	ug/L	99
23) Bromochloromethane	4.973	128	180412	98.686	ug/L	97
25) Chloroform	5.089	83	608141	102.594	ug/L	100
27) 1,2-Dichloroethane	5.793	62	503100	113.350	ug/L	99
29) Cyclohexane	5.388	56	564854	136.099	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	537629	113.083	ug/L	98
31) Carbon tetrachloride	5.523	117	467269	115.237	ug/L	98
33) Benzene	5.774	78	1362309	111.417	ug/L	100
34) Trichloroethene	6.542	95	331875	110.520	ug/L	98
35) Methylcyclohexane	6.764	83	548402	125.984	ug/L	99
37) 1,2-Dichloropropane	6.790	63	381081	109.733	ug/L	99
38) Bromodichloromethane	7.105	83	467270	107.101	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	574905	116.884	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	1303827	249.934	ug/L	99
42) Toluene	7.970	91	1436644	112.679	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	553037	116.063	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	343788	97.909	ug/L	98
46) Tetrachloroethene	8.555	164	255161	101.758	ug/L	97
48) 2-Hexanone	8.684	43	1069685	246.799	ug/L	100
49) Dibromochloromethane	8.809	129	385581	99.987	ug/L	99
50) 1,2-Dibromoethane	8.925	107	369068	101.967	ug/L	100
51) Chlorobenzene	9.446	112	908190	101.062	ug/L	99
52) Ethylbenzene	9.571	91	1566111	118.284	ug/L	100
53) m,p-Xylene	9.693	106	618648	119.797	ug/L	100
54) o-Xylene	10.102	106	619340	119.224	ug/L	100
55) Styrene	10.115	104	1040354	119.355	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	680408	98.903	ug/L	99
59) Bromoform	10.291	173	305397	96.439	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	547488	104.191	ug/L	100
61) Isopropylbenzene	10.484	105	1572386	122.939	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	886435	130.525	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	1363762	132.020	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	718513	104.074	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	710761	100.397	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	727250	99.685	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	167616	117.623	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	506829	99.591	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	429268	106.070	ug/L	99
71) Naphthalene	14.085	128	1515234	127.064	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	434604	104.684	ug/L	99

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

