

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048262.D
 Acq On : 25 Apr 2022 11:06
 Operator : SY/MD
 Sample : VSTD10059
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100059

Quant Time: Apr 26 02:20:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:18:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	383429	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	410136	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	246969	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	356038	122.302	ug/L	0.00
7) Chloroethane-d5	1.887	69	207037	90.746	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	565594	106.916	ug/L	0.00
21) 2-Butanone-d5	4.626	46	654147	259.229	ug/L	0.00
24) Chloroform-d	5.063	84	641592	119.512	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	382450	117.152	ug/L	0.00
32) Benzene-d6	5.726	84	1332743	123.077	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	436996	128.594	ug/L	0.00
41) Toluene-d8	7.899	98	1252594	120.341	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	202892	121.293	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	560845	279.920	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	792763	133.915	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	573087	123.425	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	275558	76.641	ug/L	100
3) Chloromethane	1.520	50	305721	87.134	ug/L	98
5) Vinyl chloride	1.607	62	321505	89.348	ug/L	97
6) Bromomethane	1.838	94	136228	73.562	ug/L	99
8) Chloroethane	1.906	64	188962	84.235	ug/L	99
9) Trichlorofluoromethane	2.124	101	421705	83.846	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	272856	91.926	ug/L	99
12) 1,1-Dichloroethene	2.575	96	244685	89.268	ug/L	99
13) Acetone	2.629	43	331126	144.965	ug/L	99
14) Carbon disulfide	2.787	76	595778	71.709	ug/L	100
15) Methyl Acetate	2.948	43	381479	100.769	ug/L	99
16) Methylene chloride	3.044	84	309960	96.137	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	258353	87.717	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	892819	103.514	ug/L	99
19) 1,1-Dichloroethane	3.867	63	527944	100.554	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	321012	97.061	ug/L	97
22) 2-Butanone	4.706	43	573233	188.094	ug/L	99
23) Bromochloromethane	4.976	128	171539	95.010	ug/L	99
25) Chloroform	5.089	83	546515	97.419	ug/L	99
27) 1,2-Dichloroethane	5.793	62	398223	92.874	ug/L	100
29) Cyclohexane	5.388	56	411521	94.642	ug/L	99
30) 1,1,1-Trichloroethane	5.317	97	449340	92.170	ug/L	99
31) Carbon tetrachloride	5.523	117	387587	89.264	ug/L	100
33) Benzene	5.774	78	1202948	95.952	ug/L	100
34) Trichloroethene	6.542	95	290673	89.891	ug/L	99
35) Methylcyclohexane	6.764	83	436965	89.227	ug/L	99
37) 1,2-Dichloropropane	6.790	63	333807	102.168	ug/L	100
38) Bromodichloromethane	7.105	83	422483	96.336	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	503534	101.328	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	1119132	214.448	ug/L	99
42) Toluene	7.970	91	1317959	96.430	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	496739	100.333	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048262.D
 Acq On : 25 Apr 2022 11:06
 Operator : SY/MD
 Sample : VSTD10059
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100059

Quant Time: Apr 26 02:20:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:18:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	353753	102.165	ug/L	99
46) Tetrachloroethene	8.552	164	250815	86.727	ug/L	100
48) 2-Hexanone	8.693	43	944104	212.051	ug/L	99
49) Dibromochloromethane	8.812	129	401469	101.363	ug/L	100
50) 1,2-Dibromoethane	8.925	107	370217	97.707	ug/L	99
51) Chlorobenzene	9.449	112	903086	96.240	ug/L	100
52) Ethylbenzene	9.571	91	1415767	97.926	ug/L	99
53) m,p-Xylene	9.693	106	573576	100.752	ug/L	99
54) o-Xylene	10.102	106	568257	100.792	ug/L	98
55) Styrene	10.115	104	994570	102.895	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	721986	109.467	ug/L	99
59) Bromoform	10.295	173	344480	101.387	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	554030	108.222	ug/L	100
61) Isopropylbenzene	10.484	105	1435834	100.466	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	794109	102.176	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	1254493	105.457	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	773726	97.515	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	769666	94.624	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	805766	101.277	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	157372	99.772	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	588710	92.969	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	492046	90.599	ug/L	99
71) Naphthalene	14.085	128	1613188	99.713	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	516721	94.322	ug/L	99

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

