

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022822\
 Data File : VW024831.D
 Acq On : 28 Feb 2022 11:32
 Operator : SY/MD
 Sample : VSTD05009
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050209

Quant Time: Mar 01 01:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 01 01:20:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	321324	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	316197	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	160220	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	153963	62.778	ug/L	0.00
7) Chloroethane-d5	1.568	69	125634	59.552	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	266631	56.433	ug/L	0.00
21) 2-Butanone-d5	3.889	46	187062	118.984	ug/L	0.00
24) Chloroform-d	4.346	84	273288	61.337	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	162352	58.040	ug/L	0.00
32) Benzene-d6	5.050	84	565709	59.729	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	174559	58.293	ug/L	0.00
41) Toluene-d8	7.313	98	507800	58.468	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	78702	51.738	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	138695	112.192	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	207036	57.894	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	175721	55.848	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	151940	60.499	ug/L	100
3) Chloromethane	1.243	50	156823	62.246	ug/L	100
5) Vinyl chloride	1.310	62	165731	61.989	ug/L	100
6) Bromomethane	1.523	94	97269	59.560	ug/L	100
8) Chloroethane	1.587	64	100176	56.344	ug/L	100
9) Trichlorofluoromethane	1.754	101	208920	54.889	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	123337	59.422	ug/L	100
12) 1,1-Dichloroethene	2.117	96	120918	60.383	ug/L	100
13) Acetone	2.185	43	123651	81.826	ug/L	100
14) Carbon disulfide	2.294	76	374863	65.710	ug/L	100
15) Methyl Acetate	2.436	43	128638	59.130	ug/L	100
16) Methylene chloride	2.507	84	141483	63.007	ug/L	100
17) trans-1,2-Dichloroethene	2.761	96	131978	63.466	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	405773	57.746	ug/L	100
19) 1,1-Dichloroethane	3.188	63	240834	60.600	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	141597	61.139	ug/L	100
22) 2-Butanone	3.973	43	172685	98.825	ug/L	100
23) Bromochloromethane	4.246	128	71087	63.133	ug/L	100
25) Chloroform	4.375	83	246733	59.993	ug/L	100
27) 1,2-Dichloroethane	5.127	62	176785	56.006	ug/L	100
29) Cyclohexane	4.677	56	215082	56.530	ug/L	100
30) 1,1,1-Trichloroethane	4.606	97	213202	55.227	ug/L	100
31) Carbon tetrachloride	4.828	117	180302	56.305	ug/L	100
33) Benzene	5.098	78	552723	58.874	ug/L	100
34) Trichloroethene	5.912	95	151581	57.873	ug/L	100
35) Methylcyclohexane	6.130	83	229758	57.767	ug/L	100
37) 1,2-Dichloropropane	6.172	63	140942	57.521	ug/L	100
38) Bromodichloromethane	6.506	83	182874	54.147	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	217637	55.089	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	339616	103.226	ug/L	100
42) Toluene	7.384	91	580883	58.180	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	200392	52.713	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	133900	57.053	ug/L	100
46) Tetrachloroethene	7.973	164	94960	60.182	ug/L	100
48) 2-Hexanone	8.137	43	264813	96.516	ug/L	100
49) Dibromochloromethane	8.243	129	134227	55.001	ug/L	100
50) 1,2-Dibromoethane	8.349	107	140761	57.845	ug/L	100
51) Chlorobenzene	8.879	112	361761	57.944	ug/L	100
52) Ethylbenzene	9.011	91	623055	56.706	ug/L	100
53) m,p-Xylene	9.136	106	237836	57.581	ug/L	100
54) o-Xylene	9.542	106	231962	56.525	ug/L	100
55) Styrene	9.558	104	402290	57.696	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	187211	56.248	ug/L	100
59) Bromoform	9.728	173	76404	50.068	ug/L	100
60) Isopropylbenzene	9.927	105	610693	52.824	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	162014	51.145	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	418239	44.207	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	514539	51.989	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	262484	55.035	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	265393	54.728	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	260437	54.482	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.423	75	38447	47.019	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	175165	55.090	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	153768	54.563	ug/L	100
71) Naphthalene	13.500	128	535479	52.749	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	154008	55.742	ug/L	100

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

