

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022822\
 Data File : VW024830.D
 Acq On : 28 Feb 2022 11:08
 Operator : SY/MD
 Sample : VSTD01008
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010208

Quant Time: Mar 01 01:21:28 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	304425	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	296799	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	141492	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	30250	13.019	ug/L	0.00
7) Chloroethane-d5	1.571	69	24838	12.427	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	51567	11.520	ug/L	0.00
21) 2-Butanone-d5	3.908	46	33856	22.730	ug/L	0.02
24) Chloroform-d	4.352	84	52827	12.515	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	31685	11.956	ug/L	0.00
32) Benzene-d6	5.050	84	107651	12.109	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	33747	12.006	ug/L	0.00
41) Toluene-d8	7.317	98	94301	11.567	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	13139	9.202	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	22838	19.681	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40465	12.055	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	31941	11.495	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	28678	12.053	ug/L	98
3) Chloromethane	1.243	50	31188	13.066	ug/L	98
5) Vinyl chloride	1.314	62	30948	12.218	ug/L	98
6) Bromomethane	1.526	94	18956	12.251	ug/L	94
8) Chloroethane	1.587	64	19261	11.435	ug/L	100
9) Trichlorofluoromethane	1.754	101	40467	11.222	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	23578	11.990	ug/L	98
12) 1,1-Dichloroethene	2.121	96	23745	12.516	ug/L	94
13) Acetone	2.188	43	25403	17.744	ug/L	99
14) Carbon disulfide	2.297	76	68106	12.601	ug/L	98
15) Methyl Acetate	2.439	43	24128	11.706	ug/L	100
16) Methylene chloride	2.510	84	26960	12.673	ug/L	96
17) trans-1,2-Dichloroethene	2.764	96	24527	12.449	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	75547	11.348	ug/L	98
19) 1,1-Dichloroethane	3.191	63	45356	12.046	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	26672	12.156	ug/L	95
22) 2-Butanone	3.989	43	24781	14.969	ug/L	95
23) Bromochloromethane	4.252	128	13658	12.803	ug/L	97
25) Chloroform	4.378	83	47010	12.065	ug/L	99
27) 1,2-Dichloroethane	5.133	62	33324	11.143	ug/L	100
29) Cyclohexane	4.677	56	38421	10.758	ug/L #	92
30) 1,1,1-Trichloroethane	4.609	97	39886	11.007	ug/L	99
31) Carbon tetrachloride	4.831	117	34020	11.318	ug/L	99
33) Benzene	5.101	78	103921	11.793	ug/L	100
34) Trichloroethene	5.918	95	28252	11.491	ug/L	98
35) Methylcyclohexane	6.133	83	40411	10.824	ug/L	98
37) 1,2-Dichloropropane	6.175	63	25674	11.163	ug/L	100
38) Bromodichloromethane	6.513	83	33890	10.690	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	34708	9.360	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	60940	19.733	ug/L	98
42) Toluene	7.387	91	106948	11.412	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	32388	9.076	ug/L	96

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45) 1,1,2-Trichloroethane	7.841	97	25366	11.514	ug/L	96
46) Tetrachloroethene	7.976	164	18271	12.336	ug/L	93
48) 2-Hexanone	8.143	43	46681	18.126	ug/L	99
49) Dibromochloromethane	8.246	129	22610	9.870	ug/L	98
50) 1,2-Dibromoethane	8.352	107	25367	11.106	ug/L	98
51) Chlorobenzene	8.879	112	67628	11.540	ug/L	98
52) Ethylbenzene	9.011	91	109496	10.617	ug/L	99
53) m,p-Xylene	9.140	106	42083	10.854	ug/L	99
54) o-Xylene	9.542	106	41038	10.654	ug/L	93
55) Styrene	9.561	104	66482	10.158	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	35350	11.315	ug/L	99
59) Bromoform	9.731	173	11928	8.851	ug/L	96
60) Isopropylbenzene	9.931	105	105638	10.347	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	31397	11.223	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	69109	8.272	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	84795	9.702	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	46491	11.038	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	47815	11.165	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	47861	11.337	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6328	8.763	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	29493	10.503	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	25505	10.248	ug/L	97
71) Naphthalene	13.500	128	80333	8.961	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	26105	10.699	ug/L	96

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

