

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025860.D
 Acq On : 10 May 2022 12:37
 Operator : SY/MD
 Sample : VSTD20017
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200217

Quant Time: May 11 03:19:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 03:13:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	318340	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	333063	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	199379	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	831597	202.410	ug/L	0.00
7) Chloroethane-d5	1.571	69	742807	205.878	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	1436927	199.974	ug/L	0.00
21) 2-Butanone-d5	3.883	46	800934	451.525	ug/L	0.00
24) Chloroform-d	4.346	84	1179599	205.560	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	719684	207.513	ug/L	0.00
32) Benzene-d6	5.050	84	2431597	209.420	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	745417	209.022	ug/L	0.00
41) Toluene-d8	7.313	98	2336272	218.382	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	379990	238.697	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	655589	493.635	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	1022424	214.986	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	944526	215.965	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	613991	186.547	ug/L	100
3) Chloromethane	1.243	50	714829	179.579	ug/L	99
5) Vinyl chloride	1.314	62	763809	188.739	ug/L	100
6) Bromomethane	1.526	94	458588	186.486	ug/L	100
8) Chloroethane	1.587	64	575072	190.277	ug/L	99
9) Trichlorofluoromethane	1.751	101	1123847	195.414	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	566050	185.251	ug/L	98
12) 1,1-Dichloroethene	2.117	96	567951	188.984	ug/L	89
13) Acetone	2.182	43	422303	351.414	ug/L	99
14) Carbon disulfide	2.294	76	1441024	193.855	ug/L	100
15) Methyl Acetate	2.433	43	483982	187.992	ug/L	100
16) Methylene chloride	2.507	84	537246	184.559	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	508856	197.078	ug/L	98
18) Methyl tert-butyl Ether	2.770	73	1555173	207.097	ug/L	99
19) 1,1-Dichloroethane	3.188	63	918191	190.391	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	570543	204.714	ug/L	100
22) 2-Butanone	3.966	43	658876	418.016	ug/L	96
23) Bromochloromethane	4.246	128	283369	192.493	ug/L	96
25) Chloroform	4.375	83	958904	187.636	ug/L	99
27) 1,2-Dichloroethane	5.127	62	732411	189.561	ug/L	99
29) Cyclohexane	4.677	56	855627	212.196	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	837261	185.098	ug/L	99
31) Carbon tetrachloride	4.828	117	717025	188.812	ug/L	100
33) Benzene	5.098	78	2166028	193.142	ug/L	100
34) Trichloroethene	5.912	95	576353	196.489	ug/L	98
35) Methylcyclohexane	6.130	83	946044	215.346	ug/L	99
37) 1,2-Dichloropropane	6.172	63	559451	198.586	ug/L	99
38) Bromodichloromethane	6.506	83	740616	194.406	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	895827	222.987	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	1393932	423.298	ug/L	99
42) Toluene	7.384	91	2431271	202.089	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	874082	226.154	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	546092	190.776	ug/L	98
46) Tetrachloroethene	7.973	164	419175	193.729	ug/L	97
48) 2-Hexanone	8.136	43	1105779	431.573	ug/L	98
49) Dibromochloromethane	8.246	129	596331	211.204	ug/L	98
50) 1,2-Dibromoethane	8.349	107	573386	196.979	ug/L	97
51) Chlorobenzene	8.879	112	1537292	199.549	ug/L	99
52) Ethylbenzene	9.011	91	2679791	215.903	ug/L	100
53) m,p-Xylene	9.136	106	1051983	218.512	ug/L	99
54) o-Xylene	9.542	106	1051649	222.374	ug/L	98
55) Styrene	9.558	104	1870659	227.012	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	840294	196.749	ug/L	99
59) Bromoform	9.728	173	398536	207.214	ug/L	99
60) Isopropylbenzene	9.931	105	2774045	207.715	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	700471	177.497	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	1526107	221.694	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	2403607	225.045	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	1261297	199.522	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	1281133	193.382	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	1284153	196.393	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	187448	205.613	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	915025	209.634	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	808300	217.469	ug/L	99
71) Naphthalene	13.500	128	2555455	232.154	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	790390	208.676	ug/L	100

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

