

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051022\
 Data File : VW025858.D
 Acq On : 10 May 2022 11:49
 Operator : SY/MD
 Sample : VSTD05015
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050215

Quant Time: May 11 03:18:37 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	277907	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	281336	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	158427	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	168665	47.026	ug/L	0.00
7) Chloroethane-d5	1.571	69	150345	47.733	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	291867	46.528	ug/L	0.00
21) 2-Butanone-d5	3.889	46	146429	94.559	ug/L	0.00
24) Chloroform-d	4.349	84	234918	46.893	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	144324	47.669	ug/L	0.00
32) Benzene-d6	5.050	84	472716	48.198	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	144428	47.945	ug/L	0.00
41) Toluene-d8	7.313	98	436139	48.264	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	61949	46.069	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	106661	95.078	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	188027	46.806	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	157702	45.379	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	137459	47.840	ug/L	100
3) Chloromethane	1.243	50	159443	45.883	ug/L	100
5) Vinyl chloride	1.314	62	164942	46.688	ug/L	100
6) Bromomethane	1.526	94	101809	47.424	ug/L	100
8) Chloroethane	1.587	64	128340	48.643	ug/L	100
9) Trichlorofluoromethane	1.754	101	227890	45.390	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	125067	46.886	ug/L	100
12) 1,1-Dichloroethene	2.121	96	122572	46.719	ug/L	100
13) Acetone	2.179	43	97365	92.809	ug/L	100
14) Carbon disulfide	2.298	76	308252	47.501	ug/L	100
15) Methyl Acetate	2.436	43	103564	46.080	ug/L	100
16) Methylene chloride	2.510	84	119039	46.843	ug/L	100
17) trans-1,2-Dichloroethene	2.764	96	107023	47.480	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	312131	47.613	ug/L	100
19) 1,1-Dichloroethane	3.191	63	200897	47.718	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	115767	47.581	ug/L	100
22) 2-Butanone	3.973	43	130019	94.490	ug/L	100
23) Bromochloromethane	4.249	128	62499	48.633	ug/L	100
25) Chloroform	4.378	83	210372	47.154	ug/L	100
27) 1,2-Dichloroethane	5.130	62	160953	47.718	ug/L	100
29) Cyclohexane	4.680	56	164476	48.290	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	179969	47.102	ug/L	100
31) Carbon tetrachloride	4.828	117	152647	47.586	ug/L	100
33) Benzene	5.098	78	464254	49.008	ug/L	100
34) Trichloroethene	5.912	95	117887	47.579	ug/L	100
35) Methylcyclohexane	6.130	83	178279	48.043	ug/L	100
37) 1,2-Dichloropropane	6.172	63	118686	49.875	ug/L	100
38) Bromodichloromethane	6.510	83	153507	47.703	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	161025	47.451	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	278040	99.957	ug/L	100
42) Toluene	7.387	91	498684	49.072	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	156190	47.842	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	116452	48.162	ug/L	100
46) Tetrachloroethene	7.976	164	86900	47.547	ug/L	100
48) 2-Hexanone	8.137	43	221762	102.465	ug/L	100
49) Dibromochloromethane	8.246	129	111588	46.788	ug/L	100
50) 1,2-Dibromoethane	8.349	107	116774	47.492	ug/L	100
51) Chlorobenzene	8.879	112	310498	47.715	ug/L	100
52) Ethylbenzene	9.011	91	510064	48.650	ug/L	100
53) m,p-Xylene	9.136	106	200801	49.378	ug/L	100
54) o-Xylene	9.542	106	195056	48.829	ug/L	100
55) Styrene	9.558	104	349561	50.220	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	172138	47.716	ug/L	100
59) Bromoform	9.728	173	70693	46.257	ug/L	100
60) Isopropylbenzene	9.931	105	505139	47.601	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	144067	45.943	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	255959	46.794	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	410190	48.333	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	232523	46.290	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	240064	45.604	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	237700	45.750	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	34295	47.342	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	157580	45.434	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	133999	45.371	ug/L	100
71) Naphthalene	13.500	128	414334	47.371	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	139904	46.485	ug/L	100

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

