

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012122\
 Data File : VW024420.D
 Acq On : 21 Jan 2022 12:31
 Operator : SY/MD
 Sample : VSTD00575
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005275

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 24 02:13:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 24 02:12:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	152565	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	141104	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82344	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	4755	4.739	ug/L	0.00
7) Chloroethane-d5	1.571	69	2866	4.963	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	9200	5.726	ug/L	0.00
21) 2-Butanone-d5	3.912	46	4417m	9.706	ug/L	0.02
24) Chloroform-d	4.349	84	9646	4.749	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	7273	4.855	ug/L	0.00
32) Benzene-d6	5.047	84	16711	4.932	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	3758	4.970	ug/L	0.00
41) Toluene-d8	7.313	98	16969	4.800	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	2655	4.599	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	2817	8.653	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	5302	4.761	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	8989	5.323	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	8872	5.184	ug/L	97
3) Chloromethane	1.243	50	5493	5.298	ug/L	99
5) Vinyl chloride	1.310	62	6453	5.339	ug/L	100
6) Bromomethane	1.523	94	3522	5.363	ug/L	100
8) Chloroethane	1.587	64	3015	5.778	ug/L	98
9) Trichlorofluoromethane	1.754	101	12506	5.382	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	4715	5.684	ug/L	95
12) 1,1-Dichloroethene	2.121	96	4753	5.886	ug/L	88
13) Acetone	2.195	43	9350m	16.581	ug/L	
14) Carbon disulfide	2.297	76	15642	6.748	ug/L	99
15) Methyl Acetate	2.439	43	3527m	5.885	ug/L	
16) Methylene chloride	2.506	84	5904	6.367	ug/L	87
17) trans-1,2-Dichloroethene	2.760	96	5695	6.040	ug/L	91
18) Methyl tert-butyl Ether	2.767	73	18197	5.688	ug/L	98
19) 1,1-Dichloroethane	3.188	63	8406	5.654	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	5922	5.494	ug/L	98
22) 2-Butanone	3.995	43	6960m	12.565	ug/L	
23) Bromochloromethane	4.246	128	3335	5.347	ug/L	97
25) Chloroform	4.375	83	11405	5.656	ug/L	95
27) 1,2-Dichloroethane	5.133	62	9494	5.331	ug/L #	94
29) Cyclohexane	4.677	56	6610	5.805	ug/L	97
30) 1,1,1-Trichloroethane	4.606	97	12161	5.606	ug/L	97
31) Carbon tetrachloride	4.825	117	12158	5.723	ug/L	96
33) Benzene	5.098	78	20407	5.690	ug/L	100
34) Trichloroethene	5.915	95	6414	5.758	ug/L	89
35) Methylcyclohexane	6.124	83	8870	5.656	ug/L	95
37) 1,2-Dichloropropane	6.169	63	3724	5.607	ug/L #	91
38) Bromodichloromethane	6.509	83	8137	5.593	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	7426	5.247	ug/L	97
40) 4-Methyl-2-pentanone	7.226	43	9569	10.842	ug/L	100
42) Toluene	7.387	91	25517	5.729	ug/L	94
44) trans-1,3-Dichloropropene	7.651	75	8777	5.527	ug/L	99

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45) 1,1,2-Trichloroethane	7.837	97	4972	5.540	ug/L	96
46) Tetrachloroethene	7.976	164	6515	5.775	ug/L	94
48) 2-Hexanone	8.143	43	7531	10.709	ug/L #	96
49) Dibromochloromethane	8.246	129	6442	5.088	ug/L	98
50) 1,2-Dibromoethane	8.352	107	5291	5.485	ug/L	100
51) Chlorobenzene	8.882	112	17767	5.801	ug/L	99
52) Ethylbenzene	9.011	91	26957	5.578	ug/L	95
53) m,p-Xylene	9.136	106	11152	5.490	ug/L	91
54) o-Xylene	9.541	106	10820	5.528	ug/L	90
55) Styrene	9.561	104	17603	5.281	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	5773	5.189	ug/L	91
59) Bromoform	9.731	173	5146	5.626	ug/L	97
60) Isopropylbenzene	9.931	105	28328	5.794	ug/L	96
61) 1,2,3-Trichloropropane	10.271	75	5930	5.930	ug/L	95
62) 1,3,5-Trimethylbenzene	10.538	105	25172	5.512	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	24483	5.380	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	15592	5.667	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	15870	5.755	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	15135	5.674	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	1650	5.051	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	12195	5.510	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	11343	5.774	ug/L	98
71) Naphthalene	13.503	128	29647	5.876	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	10699	5.716	ug/L	98

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

