

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080422\
 Data File : VW027205.D
 Acq On : 04 Aug 2022 11:20
 Operator : SY/MD
 Sample : VSTD00552
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005252

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2022
 Supervised By :Mahesh Dadoda 08/05/2022

Quant Time: Aug 05 02:01:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:01:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	306282	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	305726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	134544	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	10688	5.118	ug/L	0.00
7) Chloroethane-d5	1.561	69	8784	5.754	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	20310	5.317	ug/L	0.00
21) 2-Butanone-d5	3.899	46	16765m	8.998	ug/L	0.03
24) Chloroform-d	4.346	84	22270	5.206	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	12773	4.810	ug/L	0.00
32) Benzene-d6	5.050	84	34566	4.715	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	12833	4.921	ug/L	0.00
41) Toluene-d8	7.317	98	26645	4.264	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	4670	4.108	ug/L	0.01
47) 2-Hexanone-d5	8.098	63	8847	7.043	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	21901	5.153	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	11968	5.151	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	14292	5.245	ug/L	98
3) Chloromethane	1.236	50	15908	5.111	ug/L	99
5) Vinyl chloride	1.307	62	16425	5.297	ug/L	95
6) Bromomethane	1.516	94	8122	5.556	ug/L	99
8) Chloroethane	1.580	64	9431	5.459	ug/L	96
9) Trichlorofluoromethane	1.748	101	21162	5.319	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	12149	5.507	ug/L	99
12) 1,1-Dichloroethene	2.114	96	11234	5.293	ug/L	89
13) Acetone	2.169	43	15211	10.613	ug/L	82
14) Carbon disulfide	2.288	76	36387	5.038	ug/L	96
15) Methyl Acetate	2.433	43	16436	4.964	ug/L #	79
16) Methylene chloride	2.503	84	15623	5.511	ug/L	87
17) trans-1,2-Dichloroethene	2.757	96	11680	4.973	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	30910	4.426	ug/L #	87
19) 1,1-Dichloroethane	3.185	63	24184	5.130	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	10931	4.481	ug/L	98
22) 2-Butanone	3.986	43	13426	6.833	ug/L #	74
23) Bromochloromethane	4.249	128	6643	4.876	ug/L #	83
25) Chloroform	4.371	83	24831	5.212	ug/L	97
27) 1,2-Dichloroethane	5.133	62	18774	5.059	ug/L #	92
29) Cyclohexane	4.670	56	14350	4.076	ug/L	94
30) 1,1,1-Trichloroethane	4.603	97	20131	4.968	ug/L	95
31) Carbon tetrachloride	4.821	117	17962	5.106	ug/L	99
33) Benzene	5.098	78	43694	4.447	ug/L	100
34) Trichloroethene	5.915	95	11889	4.726	ug/L	91
35) Methylcyclohexane	6.130	83	15148	4.095	ug/L #	87
37) 1,2-Dichloropropane	6.175	63	12278	4.461	ug/L	99
38) Bromodichloromethane	6.510	83	17976	4.985	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	15281	4.191	ug/L	95
40) 4-Methyl-2-pentanone	7.230	43	29978	7.635	ug/L #	88
42) Toluene	7.387	91	40763	4.081	ug/L	97
44) trans-1,3-Dichloropropene	7.657	75	14295	3.990	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	13028	4.911	ug/L	92
46) Tetrachloroethene	7.976	164	9274	5.037	ug/L	95
48) 2-Hexanone	8.146	43	22805	7.292	ug/L #	82
49) Dibromochloromethane	8.246	129	13745	4.902	ug/L	98
50) 1,2-Dibromoethane	8.355	107	12634	4.629	ug/L	94
51) Chlorobenzene	8.882	112	32259	4.815	ug/L	99
52) Ethylbenzene	9.014	91	41865	4.062	ug/L	97
53) m,p-Xylene	9.140	106	14797	3.799	ug/L	91
54) o-Xylene	9.545	106	14640	3.858	ug/L	98
55) Styrene	9.561	104	23839	3.566	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.239	83	22120	4.977	ug/L	96
59) Bromoform	9.731	173	8222	5.143	ug/L #	95
60) Isopropylbenzene	9.931	105	36931	4.356	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	16947	5.487	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	28989	4.140	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	26942	3.928	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	19800	4.818	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	21762	5.032	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	21533	5.001	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	4256	4.911	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	12778	4.630	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	9796	4.273	ug/L	98
71) Naphthalene	13.503	128	26498	3.376	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	10493	4.130	ug/L	96

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

