

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021723\
 Data File : VW030061.D
 Acq On : 17 Feb 2023 11:07
 Operator : SY/MD
 Sample : VSTD00508
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005208

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/20/2023
 Supervised By :Mahesh Dadoda 02/21/2023

Quant Time: Feb 20 00:29:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 00:27:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	465180	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	460071	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	260306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	16475	4.981	ug/L	0.00
7) Chloroethane-d5	1.535	69	13114	5.182	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	32870	5.195	ug/L	0.00
21) 2-Butanone-d5	3.809	46	18992m	9.316	ug/L	0.01
24) Chloroform-d	4.259	84	30558	4.971	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	18291	5.034	ug/L	0.00
32) Benzene-d6	4.973	84	58493	4.787	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	18578	4.782	ug/L	0.00
41) Toluene-d8	7.252	98	54064	4.688	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	8174	4.233	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	14526	8.019	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	26518	4.550	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.570	152	22982	4.957	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	24459	4.967	ug/L	98
3) Chloromethane	1.217	50	34001	5.381	ug/L	99
5) Vinyl chloride	1.285	62	21148	4.806	ug/L	96
6) Bromomethane	1.490	94	4315	5.395	ug/L	96
8) Chloroethane	1.552	64	12499	4.869	ug/L	95
9) Trichlorofluoromethane	1.719	101	28569	4.898	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	17720	4.964	ug/L	97
12) 1,1-Dichloroethene	2.076	96	15469	4.817	ug/L	90
13) Acetone	2.121	43	17227	10.875	ug/L	100
14) Carbon disulfide	2.246	76	45836	4.827	ug/L	98
15) Methyl Acetate	2.381	43	15399	4.675	ug/L	93
16) Methylene chloride	2.452	84	17964	5.110	ug/L	97
17) trans-1,2-Dichloroethene	2.703	96	16010	4.877	ug/L	96
18) Methyl tert-butyl Ether	2.712	73	47302	4.528	ug/L	96
19) 1,1-Dichloroethane	3.121	63	29633	4.898	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	17149	4.724	ug/L	99
22) 2-Butanone	3.889	43	20218m	9.340	ug/L	
23) Bromochloromethane	4.166	128	9295	4.802	ug/L	96
25) Chloroform	4.288	83	29507	4.784	ug/L	95
27) 1,2-Dichloroethane	5.053	62	22247	4.829	ug/L	98
29) Cyclohexane	4.590	56	24362	4.544	ug/L	99
30) 1,1,1-Trichloroethane	4.522	97	26166	4.578	ug/L	98
31) Carbon tetrachloride	4.744	117	23446	4.673	ug/L	99
33) Benzene	5.021	78	64679	4.765	ug/L	100
34) Trichloroethene	5.841	95	16843	4.559	ug/L	99
35) Methylcyclohexane	6.056	83	26030	4.438	ug/L	99
37) 1,2-Dichloropropane	6.104	63	16549	4.629	ug/L	99
38) Bromodichloromethane	6.442	83	21638	4.507	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	24929	4.149	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	36131	8.130	ug/L	97
42) Toluene	7.326	91	68045	4.581	ug/L	100
44) trans-1,3-Dichloropropene	7.593	75	22188	4.060	ug/L	100

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45) 1,1,2-Trichloroethane	7.776	97	17419	4.695	ug/L	98
46) Tetrachloroethene	7.915	164	14406	4.638	ug/L	94
48) 2-Hexanone	8.088	43	29507m	8.749	ug/L	
49) Dibromochloromethane	8.185	129	17026	4.424	ug/L	98
50) 1,2-Dibromoethane	8.291	107	18224	4.477	ug/L	97
51) Chlorobenzene	8.825	112	47124	4.761	ug/L	99
52) Ethylbenzene	8.956	91	74855	4.552	ug/L	99
53) m,p-Xylene	9.082	106	28058	4.466	ug/L	99
54) o-Xylene	9.487	106	26391	4.358	ug/L	99
55) Styrene	9.506	104	43687	4.223	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	26685	4.400	ug/L	96
59) Bromoform	9.673	173	11164	4.331	ug/L	99
60) Isopropylbenzene	9.876	105	72063	4.655	ug/L	98
61) 1,2,3-Trichloropropane	10.220	75	20427	4.743	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	54317	4.237	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	52930	4.201	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	36048	4.621	ug/L	99
65) 1,4-Dichlorobenzene	11.220	146	37874	4.745	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	36679	4.723	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	5420	4.314	ug/L	96
69) 1,3,5-Trichlorobenzene	12.593	180	28422	4.566	ug/L	99
70) 1,2,4-trichlorobenzene	13.210	180	25433	4.347	ug/L	99
71) Naphthalene	13.451	128	66493	3.918	ug/L	100
72) 1,2,3-Trichlorobenzene	13.693	180	24518	4.270	ug/L	97

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

