

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082323\
 Data File : VW031856.D
 Acq On : 23 Aug 2023 09:35
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005261

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/24/2023
 Supervised By :Mahesh Dadoda 08/24/2023

Quant Time: Aug 24 01:27:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 24 01:26:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	294999	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	277392	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	147958	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	8999	4.254	ug/L	0.00
7) Chloroethane-d5	1.532	69	8424	5.713	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	4234	5.585	ug/L	0.00
21) 2-Butanone-d5	3.821	46	13136m	9.984	ug/L	0.04
24) Chloroform-d	4.256	84	19693	4.110	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	12727	4.319	ug/L	0.00
32) Benzene-d6	4.969	84	37276	4.274	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	12303	4.343	ug/L	0.00
41) Toluene-d8	7.249	98	34349	4.251	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	5597	4.412	ug/L	0.00
47) 2-Hexanone-d5	8.046	63	6350m	9.682	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.159	84	14628	4.118	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	13356	4.449	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	8866	3.795	ug/L	95
3) Chloromethane	1.217	50	8630	4.506	ug/L	100
5) Vinyl chloride	1.281	62	9039	4.457	ug/L	96
6) Bromomethane	1.487	94	5249	4.409	ug/L	87
8) Chloroethane	1.548	64	5780	5.126	ug/L	93
9) Trichlorofluoromethane	1.712	101	13184	4.360	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	8146	4.983	ug/L	98
12) 1,1-Dichloroethene	2.069	96	7236	5.196	ug/L	95
13) Acetone	2.114	43	14931	16.326	ug/L	96
14) Carbon disulfide	2.243	76	14906	4.058	ug/L	98
15) Methyl Acetate	2.378	43	9988	4.586	ug/L	93
16) Methylene chloride	2.449	84	9529	4.139	ug/L	97
17) trans-1,2-Dichloroethene	2.696	96	8070	4.421	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	32832	4.952	ug/L	99
19) 1,1-Dichloroethane	3.114	63	17442	4.451	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	9733	4.434	ug/L	97
22) 2-Butanone	3.895	43	16447m	10.327	ug/L	
23) Bromochloromethane	4.159	128	4717	4.131	ug/L	97
25) Chloroform	4.281	83	18523	4.209	ug/L	98
27) 1,2-Dichloroethane	5.053	62	14117	4.270	ug/L	95
29) Cyclohexane	4.587	56	13592	4.864	ug/L	98
30) 1,1,1-Trichloroethane	4.516	97	15195	3.737	ug/L	96
31) Carbon tetrachloride	4.738	117	13043	3.538	ug/L	100
33) Benzene	5.018	78	35611	4.367	ug/L	100
34) Trichloroethene	5.841	95	11165	4.140	ug/L	96
35) Methylcyclohexane	6.053	83	13884	4.285	ug/L	96
37) 1,2-Dichloropropane	6.101	63	9326	3.922	ug/L	97
38) Bromodichloromethane	6.442	83	13692	4.021	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	15690	4.534	ug/L	97
40) 4-Methyl-2-pentanone	7.169	43	29143	10.082	ug/L	99
42) Toluene	7.323	91	38118	4.471	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	15397	4.662	ug/L	94

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45) 1,1,2-Trichloroethane	7.776	97	9702	4.285	ug/L	98
46) Tetrachloroethene	7.911	164	6816	4.009	ug/L	98
48) 2-Hexanone	8.088	43	22306	10.194	ug/L	97
49) Dibromochloromethane	8.181	129	9431	3.519	ug/L	99
50) 1,2-Dibromoethane	8.291	107	10367	4.038	ug/L #	96
51) Chlorobenzene	8.818	112	25389	4.319	ug/L	96
52) Ethylbenzene	8.950	91	45024	4.669	ug/L	99
53) m,p-Xylene	9.082	106	16598	4.948	ug/L	96
54) o-Xylene	9.484	106	16342	5.308	ug/L	96
55) Styrene	9.503	104	28928	5.244	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.181	83	13701	4.383	ug/L	99
59) Bromoform	9.670	173	6486	3.771	ug/L	98
60) Isopropylbenzene	9.873	105	46703	5.562	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	13055	4.607	ug/L	97
62) 1,3,5-Trimethylbenzene	10.480	105	39411	5.836	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	39144	5.713	ug/L	98
64) 1,3-Dichlorobenzene	11.123	146	20689	4.581	ug/L	100
65) 1,4-Dichlorobenzene	11.213	146	21971	4.651	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	20721	4.514	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	3577	4.210	ug/L	95
69) 1,3,5-Trichlorobenzene	12.586	180	15022	4.003	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	13433	3.689	ug/L	93
71) Naphthalene	13.445	128	39985	3.724	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	12642	3.329	ug/L	98

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

