

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031096.D
 Acq On : 19 May 2023 09:53
 Operator : SY/MD
 Sample : VSTD01022
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010222

Quant Time: May 19 23:54:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 19 23:53:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/25/2023
 Supervised By :Mahesh Dadoda 05/25/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	247441	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	239621	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	131444	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	20161	10.801	ug/L	0.00
7) Chloroethane-d5	1.535	69	15201	9.848	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	9259	10.442	ug/L	0.00
21) 2-Butanone-d5	3.812	46	19648	19.199	ug/L	0.02
24) Chloroform-d	4.262	84	35170	10.470	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	24230	11.041	ug/L	0.00
32) Benzene-d6	4.973	84	58345	10.044	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.001	67	17443	9.724	ug/L	0.00
41) Toluene-d8	7.252	98	51245	9.378	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	8234	9.139	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	12155	17.135	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	26053	9.978	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	22022	10.354	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	15659	7.713	ug/L	96
3) Chloromethane	1.217	50	17491	6.717	ug/L	97
5) Vinyl chloride	1.285	62	14983	7.050	ug/L	99
6) Bromomethane	1.490	94	8022	9.102	ug/L	96
8) Chloroethane	1.555	64	10565	7.334	ug/L	95
9) Trichlorofluoromethane	1.719	101	31462	8.899	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	15727	8.425	ug/L	95
12) 1,1-Dichloroethene	2.076	96	13946	8.428	ug/L	96
13) Acetone	2.121	43	31904	20.792	ug/L	99
14) Carbon disulfide	2.246	76	23567	5.327	ug/L	97
15) Methyl Acetate	2.381	43	15114	7.613	ug/L	97
16) Methylene chloride	2.455	84	15258	8.067	ug/L	93
17) trans-1,2-Dichloroethene	2.703	96	12082	7.289	ug/L	95
18) Methyl tert-butyl Ether	2.712	73	43038	7.889	ug/L	98
19) 1,1-Dichloroethane	3.117	63	29119	8.464	ug/L	98
20) cis-1,2-Dichloroethene	3.828	96	14315	7.784	ug/L	92
22) 2-Butanone	3.892	43	26477m	16.898	ug/L	
23) Bromochloromethane	4.159	128	8715	8.516	ug/L	99
25) Chloroform	4.284	83	31995	8.916	ug/L	99
27) 1,2-Dichloroethane	5.053	62	25723	8.419	ug/L	97
29) Cyclohexane	4.596	56	16785	6.279	ug/L	96
30) 1,1,1-Trichloroethane	4.522	97	29384	8.934	ug/L	98
31) Carbon tetrachloride	4.744	117	25571	8.715	ug/L	99
33) Benzene	5.021	78	52937	7.588	ug/L	100
34) Trichloroethene	5.844	95	15217	8.369	ug/L	97
35) Methylcyclohexane	6.059	83	17399	6.253	ug/L	95
37) 1,2-Dichloropropane	6.098	63	15592m	8.272	ug/L	
38) Bromodichloromethane	6.442	83	23810	8.828	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	20949	7.389	ug/L	91
40) 4-Methyl-2-pentanone	7.169	43	42268m	15.815	ug/L	
42) Toluene	7.323	91	56496	7.573	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	21333	7.596	ug/L	97

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

45) 1,1,2-Trichloroethane	7.776	97	16664	8.677	ug/L	95
46) Tetrachloroethene	7.911	164	12912	8.141	ug/L	86
48) 2-Hexanone	8.085	43	36658m	16.501	ug/L	
49) Dibromochloromethane	8.181	129	18380	8.668	ug/L	98
50) 1,2-Dibromoethane	8.291	107	15684	7.972	ug/L	95
51) Chlorobenzene	8.821	112	42205	8.422	ug/L	97
52) Ethylbenzene	8.953	91	60730	7.321	ug/L	97
53) m,p-Xylene	9.082	106	23764	7.570	ug/L	95
54) o-Xylene	9.487	106	23832	7.726	ug/L	93
55) Styrene	9.503	104	40032	7.408	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.185	83	26375	8.366	ug/L	97
59) Bromoform	9.673	173	15033	9.321	ug/L	99
60) Isopropylbenzene	9.873	105	64205	8.105	ug/L	96
61) 1,2,3-Trichloropropane	10.217	75	19293	8.386	ug/L	94
62) 1,3,5-Trimethylbenzene	10.484	105	50969	7.839	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	50071	7.741	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	34098	8.536	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	36370	8.647	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	35092	8.676	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	6140	9.036	ug/L	97
69) 1,3,5-Trichlorobenzene	12.590	180	25670	8.523	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	21224	8.252	ug/L	100
71) Naphthalene	13.448	128	52007	7.482	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	21483	8.425	ug/L	97

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

