

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082323\
 Data File : VW031857.D
 Acq On : 23 Aug 2023 09:58
 Operator : SY/MD
 Sample : VSTD01062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010262

Quant Time: Aug 24 01:27:51 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	284592	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	277867	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	148261	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17197	8.426	ug/L	0.00
7) Chloroethane-d5	1.532	69	14134	9.936	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	8286	11.330	ug/L	0.00
21) 2-Butanone-d5	3.809	46	26225m	20.661	ug/L	0.02
24) Chloroform-d	4.256	84	36382	7.871	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	24231	8.523	ug/L	0.00
32) Benzene-d6	4.966	84	70532	8.073	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	22477	7.921	ug/L	0.00
41) Toluene-d8	7.249	98	65888	8.139	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	11293	8.887	ug/L	0.00
47) 2-Hexanone-d5	8.040	63	13075m	19.902	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27963	7.858	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	25498	8.476	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	18268	8.104	ug/L	100
3) Chloromethane	1.217	50	18649	10.094	ug/L	100
5) Vinyl chloride	1.281	62	19783	10.112	ug/L	97
6) Bromomethane	1.487	94	11458	9.977	ug/L	98
8) Chloroethane	1.548	64	13306	12.232	ug/L	99
9) Trichlorofluoromethane	1.716	101	28731	9.850	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	17332	10.991	ug/L	98
12) 1,1-Dichloroethene	2.072	96	15724	11.704	ug/L	86
13) Acetone	2.114	43	27044	30.653	ug/L	97
14) Carbon disulfide	2.243	76	34295	9.678	ug/L	99
15) Methyl Acetate	2.378	43	23361	11.119	ug/L	98
16) Methylene chloride	2.449	84	20610	9.279	ug/L	94
17) trans-1,2-Dichloroethene	2.696	96	16657	9.458	ug/L	97
18) Methyl tert-butyl Ether	2.706	73	71435	11.170	ug/L	99
19) 1,1-Dichloroethane	3.117	63	38298	10.131	ug/L	99
20) cis-1,2-Dichloroethene	3.822	96	21258	10.037	ug/L	95
22) 2-Butanone	3.886	43	31922	20.777	ug/L	91
23) Bromochloromethane	4.156	128	10221	9.278	ug/L	98
25) Chloroform	4.281	83	39810	9.377	ug/L	95
27) 1,2-Dichloroethane	5.050	62	31096	9.750	ug/L #	95
29) Cyclohexane	4.587	56	30018	10.725	ug/L	95
30) 1,1,1-Trichloroethane	4.516	97	32926	8.083	ug/L	96
31) Carbon tetrachloride	4.738	117	29276	7.928	ug/L	99
33) Benzene	5.018	78	75832	9.284	ug/L	100
34) Trichloroethene	5.841	95	23905	8.849	ug/L	98
35) Methylcyclohexane	6.053	83	31746	9.782	ug/L	97
37) 1,2-Dichloropropane	6.101	63	21637	9.084	ug/L	100
38) Bromodichloromethane	6.439	83	31151	9.132	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	37381	10.783	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	70093	24.207	ug/L	99
42) Toluene	7.320	91	84968	9.950	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	35996	10.880	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	22842	10.072	ug/L	98
46) Tetrachloroethene	7.911	164	15091	8.861	ug/L	95
48) 2-Hexanone	8.085	43	52901	24.135	ug/L	99
49) Dibromochloromethane	8.181	129	22615	8.425	ug/L	98
50) 1,2-Dibromoethane	8.288	107	23092	8.978	ug/L	100
51) Chlorobenzene	8.818	112	57176	9.710	ug/L	99
52) Ethylbenzene	8.950	91	102278	10.588	ug/L	100
53) m,p-Xylene	9.079	106	37375	11.123	ug/L	99
54) o-Xylene	9.484	106	37187	12.058	ug/L	97
55) Styrene	9.500	104	65162	11.791	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.181	83	30364	9.697	ug/L	99
59) Bromoform	9.670	173	14642	8.496	ug/L	100
60) Isopropylbenzene	9.870	105	105364	12.523	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	29620	10.430	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	87330	12.906	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	88289	12.859	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	47375	10.468	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	46901	9.908	ug/L	98
67) 1,2-Dichlorobenzene	11.583	146	46308	10.068	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	7963	9.353	ug/L	95
69) 1,3,5-Trichlorobenzene	12.586	180	33279	8.851	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	32313	8.856	ug/L	99
71) Naphthalene	13.445	128	103211	9.592	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	31125	8.179	ug/L	98

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

