

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092523\
 Data File : VW032168.D
 Acq On : 25 Sep 2023 13:03
 Operator : SY/MD
 Sample : VSTD01068
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010268

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/26/2023
 Supervised By :Mahesh Dadoda 09/26/2023

Quant Time: Sep 26 01:04:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	240917	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	224773	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	119242	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	14522	9.687	ug/L	0.00
7) Chloroethane-d5	1.529	69	12150	9.199	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	6407	9.220	ug/L	0.00
21) 2-Butanone-d5	3.806	46	23896	19.420	ug/L	0.02
24) Chloroform-d	4.256	84	29407	8.981	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	17731	8.280	ug/L	0.00
32) Benzene-d6	4.966	84	56926	9.332	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	19443	9.738	ug/L	0.00
41) Toluene-d8	7.249	98	51846	9.216	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	8504	8.395	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	14841	22.228	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	26567	10.099	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	21710	9.962	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	20358	12.822	ug/L	99
3) Chloromethane	1.217	50	21681	13.265	ug/L	95
5) Vinyl chloride	1.282	62	22118	12.990	ug/L	99
6) Bromomethane	1.481	94	13395	13.224	ug/L	97
8) Chloroethane	1.545	64	13370	11.988	ug/L	97
9) Trichlorofluoromethane	1.712	101	28397	11.802	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	17314	11.884	ug/L	99
12) 1,1-Dichloroethene	2.069	96	15872	12.044	ug/L	92
13) Acetone	2.114	43	27839	25.699	ug/L	98
14) Carbon disulfide	2.240	76	49718	15.207	ug/L	98
15) Methyl Acetate	2.378	43	22662	11.508	ug/L	99
16) Methylene chloride	2.449	84	19608	11.598	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	17820	12.293	ug/L	96
18) Methyl tert-butyl Ether	2.706	73	57086	9.696	ug/L	98
19) 1,1-Dichloroethane	3.114	63	34101	10.735	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	19344	10.809	ug/L	99
22) 2-Butanone	3.883	43	33861m	23.473	ug/L	
23) Bromochloromethane	4.156	128	9750	11.170	ug/L	95
25) Chloroform	4.281	83	33260	10.233	ug/L	99
27) 1,2-Dichloroethane	5.050	62	24058	9.437	ug/L	98
29) Cyclohexane	4.587	56	31870	12.794	ug/L	99
30) 1,1,1-Trichloroethane	4.516	97	28199	10.684	ug/L	99
31) Carbon tetrachloride	4.738	117	24648	10.934	ug/L	99
33) Benzene	5.014	78	72262	11.503	ug/L	100
34) Trichloroethene	5.841	95	19957	10.721	ug/L	98
35) Methylcyclohexane	6.053	83	31870	12.347	ug/L	99
37) 1,2-Dichloropropane	6.098	63	19458	11.217	ug/L	99
38) Bromodichloromethane	6.439	83	25006	10.252	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	29990	9.982	ug/L	97
40) 4-Methyl-2-pentanone	7.162	43	57901	20.864	ug/L	99
42) Toluene	7.320	91	77971	11.412	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	26782	9.344	ug/L	98

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45) 1,1,2-Trichloroethane	7.773	97	18810	10.643	ug/L	96
46) Tetrachloroethene	7.908	164	14886	12.342	ug/L	98
48) 2-Hexanone	8.082	43	44170	20.861	ug/L	96
49) Dibromochloromethane	8.182	129	17919	9.969	ug/L	99
50) 1,2-Dibromoethane	8.288	107	20159	10.843	ug/L	97
51) Chlorobenzene	8.818	112	50304	11.151	ug/L	96
52) Ethylbenzene	8.950	91	86599	10.829	ug/L	99
53) m,p-Xylene	9.079	106	31873	10.759	ug/L	100
54) o-Xylene	9.484	106	31557	10.730	ug/L	95
55) Styrene	9.500	104	54107	10.455	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.181	83	29450	11.464	ug/L	97
59) Bromoform	9.670	173	12485	9.923	ug/L	98
60) Isopropylbenzene	9.870	105	85280	10.607	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	24007	10.518	ug/L	99
62) 1,3,5-Trimethylbenzene	10.480	105	68375	10.140	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	67679	10.017	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	40281	11.104	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	41191	11.184	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	39245	10.890	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	6163	9.216	ug/L	91
69) 1,3,5-Trichlorobenzene	12.587	180	28957	11.020	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	27109	10.785	ug/L	99
71) Naphthalene	13.442	128	106991	13.267	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	28118	11.554	ug/L	98

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

