

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034827.D
 Acq On : 26 Mar 2024 14:17
 Operator : SY/MD
 Sample : VSTD20039
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200239

Quant Time: Mar 27 01:08:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:06:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	391088	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	384335	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	207748	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	743661	215.733	ug/L	0.00
7) Chloroethane-d5	1.526	69	545252	194.521	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	331479	213.801	ug/L	0.00
21) 2-Butanone-d5	3.777	46	980280	433.280	ug/L	0.00
24) Chloroform-d	4.246	84	1283870	211.455	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	816675	208.351	ug/L	0.00
32) Benzene-d6	4.957	84	2557864	215.999	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	825474	225.105	ug/L	0.00
41) Toluene-d8	7.240	98	2360625	220.219	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	437791	240.145	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	731636	425.987	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	1199325	246.498	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	939073	216.755	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	575602	150.235	ug/L	100
3) Chloromethane	1.217	50	726106	183.521	ug/L	100
5) Vinyl chloride	1.285	62	775393	199.386	ug/L	99
6) Bromomethane	1.484	94	553379	218.505	ug/L	99
8) Chloroethane	1.542	64	527755	221.713	ug/L	100
9) Trichlorofluoromethane	1.709	101	1027902	181.005	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	627490	200.148	ug/L	99
12) 1,1-Dichloroethene	2.066	96	600228	204.969	ug/L	97
13) Acetone	2.114	43	778329	301.638	ug/L	99
14) Carbon disulfide	2.240	76	1674368	206.594	ug/L	99
15) Methyl Acetate	2.368	43	673432	196.439	ug/L	99
16) Methylene chloride	2.446	84	633846	203.425	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	590479	208.305	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	2117515	208.360	ug/L	100
19) 1,1-Dichloroethane	3.108	63	1195180	213.810	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	686666	221.889	ug/L	99
22) 2-Butanone	3.857	43	976378	372.598	ug/L	95
23) Bromochloromethane	4.143	128	335507	210.953	ug/L	98
25) Chloroform	4.272	83	1181027	205.015	ug/L	99
27) 1,2-Dichloroethane	5.037	62	968571	208.117	ug/L	99
29) Cyclohexane	4.580	56	1017087	203.919	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	1003539	186.080	ug/L	99
31) Carbon tetrachloride	4.732	117	868294	183.029	ug/L	98
33) Benzene	5.008	78	2523773	209.586	ug/L	100
34) Trichloroethene	5.828	95	678104	200.119	ug/L	99
35) Methylcyclohexane	6.050	83	1078005	210.010	ug/L	100
37) 1,2-Dichloropropane	6.088	63	719958	225.109	ug/L	100
38) Bromodichloromethane	6.429	83	923055	209.703	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	1222966	238.461	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1905714	416.473	ug/L	99
42) Toluene	7.314	91	2722504	213.790	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	1148670	233.713	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	666029	217.387	ug/L	99
46) Tetrachloroethene	7.902	164	484117	194.913	ug/L	99
48) 2-Hexanone	8.072	43	1550721	425.489	ug/L	98
49) Dibromochloromethane	8.175	129	700229	219.223	ug/L	99
50) 1,2-Dibromoethane	8.278	107	727804	223.549	ug/L	99
51) Chlorobenzene	8.812	112	1770306	214.616	ug/L	99
52) Ethylbenzene	8.944	91	3114918	219.141	ug/L	99
53) m,p-Xylene	9.072	106	1182181	219.273	ug/L	100
54) o-Xylene	9.477	106	1174178	222.000	ug/L	99
55) Styrene	9.493	104	2042361	228.460	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	1139861	242.480	ug/L	100
59) Bromoform	9.661	173	547026	236.513	ug/L	99
60) Isopropylbenzene	9.866	105	3132480	212.356	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	887665	217.391	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	2110055	177.898	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	2625724	214.032	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	1412362	206.919	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	1429511	205.375	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	1436362	209.819	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	262905	219.976	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	1073600	211.316	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	976650	213.328	ug/L	100
71) Naphthalene	13.435	128	2795726	231.024	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	934440	209.530	ug/L	100

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

