

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034826.D
 Acq On : 26 Mar 2024 13:53
 Operator : SY/MD
 Sample : VSTD10038
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100238

Quant Time: Mar 27 01:08:07 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	415468	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	396310	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	207493	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	374744	102.332	ug/L	0.00
7) Chloroethane-d5	1.526	69	335450	112.651	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	166182	100.896	ug/L	0.00
21) 2-Butanone-d5	3.777	46	484369	201.526	ug/L	0.00
24) Chloroform-d	4.246	84	644046	99.851	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	411371	98.791	ug/L	0.00
32) Benzene-d6	4.957	84	1285620	105.284	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	409915	108.405	ug/L	0.00
41) Toluene-d8	7.240	98	1172282	106.056	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	212631	113.112	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	345705	195.201	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	576517	114.912	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	439777	101.633	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	291933	71.725	ug/L	100
3) Chloromethane	1.217	50	367719	87.486	ug/L	99
5) Vinyl chloride	1.285	62	392606	95.031	ug/L	99
6) Bromomethane	1.484	94	300545	111.708	ug/L	100
8) Chloroethane	1.545	64	265056	104.817	ug/L	98
9) Trichlorofluoromethane	1.712	101	519008	86.030	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	322415	96.805	ug/L	100
12) 1,1-Dichloroethene	2.069	96	302967	97.388	ug/L	94
13) Acetone	2.114	43	419358	152.984	ug/L	100
14) Carbon disulfide	2.240	76	839338	97.485	ug/L	100
15) Methyl Acetate	2.372	43	342346	94.002	ug/L	98
16) Methylene chloride	2.446	84	325005	98.186	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	293681	97.523	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	1072103	99.303	ug/L	100
19) 1,1-Dichloroethane	3.111	63	612245	103.099	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	343914	104.611	ug/L	98
22) 2-Butanone	3.857	43	502829	180.626	ug/L	95
23) Bromochloromethane	4.143	128	169215	100.152	ug/L	98
25) Chloroform	4.272	83	607643	99.291	ug/L	99
27) 1,2-Dichloroethane	5.037	62	492840	99.683	ug/L	100
29) Cyclohexane	4.581	56	509611	99.086	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	506533	91.085	ug/L	100
31) Carbon tetrachloride	4.735	117	438412	89.621	ug/L	98
33) Benzene	5.008	78	1280222	103.103	ug/L	100
34) Trichloroethene	5.831	95	342348	97.980	ug/L	98
35) Methylcyclohexane	6.050	83	540353	102.087	ug/L	99
37) 1,2-Dichloropropane	6.092	63	359640	109.051	ug/L	100
38) Bromodichloromethane	6.429	83	463447	102.106	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	576178	108.952	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	961751	203.830	ug/L	100
42) Toluene	7.314	91	1363963	103.871	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	557763	110.055	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	336757	106.594	ug/L	99
46) Tetrachloroethene	7.902	164	240928	94.070	ug/L	99
48) 2-Hexanone	8.072	43	779943	207.535	ug/L	97
49) Dibromochloromethane	8.175	129	342711	104.051	ug/L	100
50) 1,2-Dibromoethane	8.278	107	361731	107.750	ug/L	99
51) Chlorobenzene	8.812	112	866585	101.883	ug/L	99
52) Ethylbenzene	8.944	91	1527332	104.204	ug/L	100
53) m,p-Xylene	9.069	106	574048	103.258	ug/L	98
54) o-Xylene	9.477	106	568276	104.197	ug/L	98
55) Styrene	9.493	104	982456	106.578	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	554888	114.473	ug/L	99
59) Bromoform	9.664	173	252382	109.254	ug/L	99
60) Isopropylbenzene	9.863	105	1523649	103.418	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	444629	109.024	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	1021477	86.226	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	1275430	104.093	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	687029	100.778	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	697042	100.266	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	690918	101.051	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	134854	112.973	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	507100	99.935	ug/L	98
70) 1,2,4-trichlorobenzene	13.194	180	492855	107.786	ug/L	99
71) Naphthalene	13.435	128	1401124	115.924	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	485747	109.053	ug/L	99

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

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