

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022924\
 Data File : VW034472.D
 Acq On : 29 Feb 2024 10:21
 Operator : SY/MD
 Sample : VSTD10032
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100232

Quant Time: Mar 01 00:58:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 00:56:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	305615	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	284449	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	152028	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	278919	116.658	ug/L	0.00
7) Chloroethane-d5	1.526	69	211762	110.773	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	125956	119.798	ug/L	0.00
21) 2-Butanone-d5	3.780	46	391257	235.442	ug/L	0.00
24) Chloroform-d	4.246	84	492075	113.975	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	326246	116.427	ug/L	0.00
32) Benzene-d6	4.957	84	920454	112.236	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	275414	104.099	ug/L	0.00
41) Toluene-d8	7.239	98	826035	111.866	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	145555	110.513	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	290745	251.083	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	357300	104.342	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	320898	109.771	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	316066	116.074	ug/L	100
3) Chloromethane	1.217	50	303769	102.231	ug/L	100
5) Vinyl chloride	1.285	62	303408	106.314	ug/L	99
6) Bromomethane	1.484	94	181141	118.691	ug/L	100
8) Chloroethane	1.542	64	180797	106.421	ug/L	99
9) Trichlorofluoromethane	1.709	101	455513	126.954	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	243547	117.717	ug/L	99
12) 1,1-Dichloroethene	2.069	96	227252	117.238	ug/L	99
13) Acetone	2.114	43	402802	244.176	ug/L	99
14) Carbon disulfide	2.240	76	645708	102.497	ug/L	99
15) Methyl Acetate	2.371	43	278959	108.135	ug/L	99
16) Methylene chloride	2.445	84	238532	103.884	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	221544	105.505	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	808884	107.167	ug/L	99
19) 1,1-Dichloroethane	3.108	63	432126	101.671	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	244901	105.120	ug/L	97
22) 2-Butanone	3.860	43	421726	220.445	ug/L	97
23) Bromochloromethane	4.143	128	125029	108.706	ug/L	96
25) Chloroform	4.275	83	444555	108.373	ug/L	99
27) 1,2-Dichloroethane	5.037	62	369640	107.949	ug/L	98
29) Cyclohexane	4.580	56	375910	94.381	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	409399	114.580	ug/L	99
31) Carbon tetrachloride	4.731	117	362365	118.178	ug/L	99
33) Benzene	5.008	78	884274	104.043	ug/L	100
34) Trichloroethene	5.831	95	247598	107.680	ug/L	98
35) Methylcyclohexane	6.050	83	387695	100.264	ug/L	99
37) 1,2-Dichloropropane	6.092	63	234357	101.623	ug/L	99
38) Bromodichloromethane	6.429	83	325788	105.793	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	395449	101.584	ug/L	98
40) 4-Methyl-2-pentanone	7.153	43	705513	205.918	ug/L	99
42) Toluene	7.313	91	941283	104.561	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	379750	106.438	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	224654	105.919	ug/L	99
46) Tetrachloroethene	7.902	164	186805	110.096	ug/L	100
48) 2-Hexanone	8.072	43	563807	205.695	ug/L	98
49) Dibromochloromethane	8.175	129	239494	107.527	ug/L	98
50) 1,2-Dibromoethane	8.278	107	236504	105.241	ug/L	99
51) Chlorobenzene	8.812	112	603532	105.657	ug/L	99
52) Ethylbenzene	8.944	91	1060575	102.378	ug/L	99
53) m,p-Xylene	9.072	106	400570	104.926	ug/L	99
54) o-Xylene	9.477	106	388883	102.501	ug/L	98
55) Styrene	9.493	104	673111	103.077	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	329154	98.378	ug/L	99
59) Bromoform	9.664	173	172894	105.733	ug/L	100
60) Isopropylbenzene	9.866	105	1067001	102.032	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	279539	101.821	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	912756	101.755	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	913276	102.667	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	493960	104.257	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	495818	104.364	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	485937	104.702	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	92293	115.800	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	377085	107.418	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	355975	111.466	ug/L	99
71) Naphthalene	13.435	128	1024551	120.991	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	344349	114.209	ug/L	99

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

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