

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035419.D
 Acq On : 26 Apr 2024 10:47
 Operator : SY/MD
 Sample : VSTD10044
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100244

Quant Time: Apr 27 00:04:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:01:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	563363	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	560552	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	312753	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	450228	99.443	ug/L	0.00
7) Chloroethane-d5	1.526	69	204537	78.849	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	183005	98.899	ug/L	0.00
21) 2-Butanone-d5	3.786	46	496437	214.932	ug/L	0.00
24) Chloroform-d	4.243	84	761609	99.970	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	455579	102.668	ug/L	0.00
32) Benzene-d6	4.953	84	1536069	104.276	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	471452	103.730	ug/L	0.00
41) Toluene-d8	7.240	98	1437500	108.267	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	232260	109.240	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	325912	254.206	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	667143	102.987	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	557018	101.798	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	386449	93.304	ug/L	99
3) Chloromethane	1.217	50	390437	92.897	ug/L	100
5) Vinyl chloride	1.285	62	424792	95.809	ug/L	100
6) Bromomethane	1.484	94	239348	92.174	ug/L	100
8) Chloroethane	1.542	64	151892	77.604	ug/L	99
9) Trichlorofluoromethane	1.706	101	560107	93.531	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	355554	94.769	ug/L	99
12) 1,1-Dichloroethene	2.066	96	317072	95.259	ug/L	98
13) Acetone	2.121	43	513177	186.114	ug/L	99
14) Carbon disulfide	2.237	76	884767	95.695	ug/L	100
15) Methyl Acetate	2.372	43	407001	97.331	ug/L	98
16) Methylene chloride	2.442	84	393516	93.478	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	348144	97.289	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	1245001	103.297	ug/L	100
19) 1,1-Dichloroethane	3.108	63	715546	96.597	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	416755	103.522	ug/L	100
22) 2-Butanone	3.867	43	612246	200.231	ug/L	100
23) Bromochloromethane	4.140	128	218410	97.494	ug/L	97
25) Chloroform	4.269	83	734952	95.986	ug/L	100
27) 1,2-Dichloroethane	5.034	62	548220	97.498	ug/L	100
29) Cyclohexane	4.577	56	558470	108.334	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	622184	97.565	ug/L	99
31) Carbon tetrachloride	4.732	117	542109	97.300	ug/L	100
33) Benzene	5.005	78	1517870	101.194	ug/L	100
34) Trichloroethene	5.828	95	401594	98.718	ug/L	98
35) Methylcyclohexane	6.047	83	627094	106.540	ug/L	98
37) 1,2-Dichloropropane	6.088	63	428845	102.409	ug/L	100
38) Bromodichloromethane	6.429	83	562335	99.448	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	690367	111.387	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1102691	220.506	ug/L	99
42) Toluene	7.310	91	1635014	104.021	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	648007	108.915	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	433857	99.214	ug/L	99
46) Tetrachloroethene	7.902	164	317878	99.606	ug/L	99
48) 2-Hexanone	8.076	43	902738	214.170	ug/L	97
49) Dibromochloromethane	8.172	129	449982	100.659	ug/L	98
50) 1,2-Dibromoethane	8.278	107	450674	101.302	ug/L	100
51) Chlorobenzene	8.809	112	1093580	98.666	ug/L	99
52) Ethylbenzene	8.940	91	1839593	107.106	ug/L	99
53) m,p-Xylene	9.069	106	704636	108.403	ug/L	99
54) o-Xylene	9.474	106	699114	109.992	ug/L	98
55) Styrene	9.490	104	1235982	112.757	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	709877	99.864	ug/L	100
59) Bromoform	9.661	173	369094	99.405	ug/L	100
60) Isopropylbenzene	9.863	105	1889433	105.303	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	554323	94.691	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1587550	109.828	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	1601262	113.146	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	920005	98.979	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	933573	95.756	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	925195	98.242	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	141015	106.474	ug/L	99
69) 1,3,5-Trichlorobenzene	12.577	180	678053	102.957	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	569836	108.995	ug/L	99
71) Naphthalene	13.435	128	1421332	125.528	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	572666	112.414	ug/L	100

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

