

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072524\
 Data File : VW036671.D
 Acq On : 24 Jul 2024 18:11
 Operator : SY/MD
 Sample : VSTD10036
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100236

Quant Time: Jul 25 02:28:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 02:25:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	363688	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	378215	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	226239	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	274608	97.915	ug/L	0.00
7) Chloroethane-d5	1.523	69	233517	137.941	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	128113	108.474	ug/L	0.00
21) 2-Butanone-d5	3.773	46	305300	211.111	ug/L	0.00
24) Chloroform-d	4.240	84	563228	114.850	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	340122	118.652	ug/L	0.00
32) Benzene-d6	4.953	84	1058392	108.922	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	295605	99.901	ug/L	0.00
41) Toluene-d8	7.236	98	1069333	120.007	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	170822	120.559	ug/L	0.00
47) 2-Hexanone-d5	8.018	63	263679	292.116	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	452255	106.252	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	479083	120.093	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.101	85	344994	124.453	ug/L	100
3) Chloromethane	1.214	50	247410	93.877	ug/L	99
5) Vinyl chloride	1.278	62	313003	109.688	ug/L	100
6) Bromomethane	1.471	94	269125	147.487	ug/L	99
8) Chloroethane	1.539	64	204938	152.106	ug/L	99
9) Trichlorofluoromethane	1.706	101	548489	134.106	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	324275	128.315	ug/L	99
12) 1,1-Dichloroethene	2.063	96	296650	131.150	ug/L	91
13) Acetone	2.108	43	248595	151.336	ug/L	100
14) Carbon disulfide	2.233	76	754321	122.542	ug/L	99
15) Methyl Acetate	2.365	43	224567	87.243	ug/L	99
16) Methylene chloride	2.439	84	294637	108.042	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	290688	122.868	ug/L	99
18) Methyl tert-butyl Ether	2.699	73	843857	110.811	ug/L	99
19) 1,1-Dichloroethane	3.105	63	462921	99.359	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	330471	125.530	ug/L	99
22) 2-Butanone	3.854	43	320633	174.046	ug/L	99
23) Bromochloromethane	4.137	128	186658	124.095	ug/L	98
25) Chloroform	4.269	83	557536	112.240	ug/L	99
27) 1,2-Dichloroethane	5.034	62	419344	115.233	ug/L	99
29) Cyclohexane	4.574	56	359188	107.206	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	512970	116.989	ug/L	100
31) Carbon tetrachloride	4.728	117	477659	122.840	ug/L	99
33) Benzene	5.002	78	1103319	109.536	ug/L	100
34) Trichloroethene	5.825	95	360853	126.069	ug/L	99
35) Methylcyclohexane	6.043	83	477496	120.504	ug/L	99
37) 1,2-Dichloropropane	6.088	63	259009	94.952	ug/L	98
38) Bromodichloromethane	6.426	83	423205	110.369	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	488723	117.637	ug/L	98
40) 4-Methyl-2-pentanone	7.149	43	635159	198.352	ug/L	98
42) Toluene	7.310	91	1293942	121.192	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	473133	118.943	ug/L	100

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45) 1,1,2-Trichloroethane	7.764	97	326083	110.079	ug/L	99
46) Tetrachloroethene	7.902	164	308891	136.242	ug/L	99
48) 2-Hexanone	8.069	43	512664	190.268	ug/L	99
49) Dibromochloromethane	8.172	129	383145	123.267	ug/L	97
50) 1,2-Dibromoethane	8.278	107	376953	122.912	ug/L	98
51) Chlorobenzene	8.809	112	894593	118.129	ug/L	99
52) Ethylbenzene	8.940	91	1434336	123.497	ug/L	99
53) m,p-Xylene	9.069	106	578562	130.407	ug/L	99
54) o-Xylene	9.474	106	560875	129.443	ug/L	99
55) Styrene	9.490	104	989751	132.390	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	431957	94.356	ug/L	99
59) Bromoform	9.661	173	338911	122.975	ug/L	100
60) Isopropylbenzene	9.863	105	1515193	117.189	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	394369	95.073	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1265417	122.249	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	1277820	125.788	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	796187	117.442	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	817273	114.653	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	804785	116.483	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	123533	125.071	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	620257	127.801	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	565194	143.389	ug/L	100
71) Naphthalene	13.432	128	1680462	180.829	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	598125	151.346	ug/L	99

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

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