

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011024\
 Data File : VW033559.D
 Acq On : 10 Jan 2024 13:49
 Operator : SY/MD
 Sample : VSTD20027
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200227

Quant Time: Jan 11 00:18:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 11 00:16:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	336432	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	325316	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	181079	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	559455	215.500	ug/L	0.00
7) Chloroethane-d5	1.523	69	416707	184.565	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	231053	183.806	ug/L	0.00
21) 2-Butanone-d5	3.773	46	750218	542.968	ug/L	0.00
24) Chloroform-d	4.246	84	932415	187.924	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	611725	199.182	ug/L	0.00
32) Benzene-d6	4.960	84	1848625	210.413	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	608146	223.429	ug/L	0.00
41) Toluene-d8	7.243	98	1676991	211.148	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	322541	242.035	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	564712	588.017	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	797659	210.288	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	688926	203.591	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	540001	198.100	ug/L	100
3) Chloromethane	1.214	50	631282	237.397	ug/L	100
5) Vinyl chloride	1.282	62	605702	217.734	ug/L	100
6) Bromomethane	1.471	94	306718	161.160	ug/L	100
8) Chloroethane	1.539	64	356936	195.993	ug/L	99
9) Trichlorofluoromethane	1.709	101	733706	161.439	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	430377	161.974	ug/L	99
12) 1,1-Dichloroethene	2.066	96	410684	179.079	ug/L	91
13) Acetone	2.108	43	697862	452.315	ug/L	99
14) Carbon disulfide	2.240	76	1407494	226.192	ug/L	99
15) Methyl Acetate	2.368	43	592816	258.468	ug/L	# 100
16) Methylene chloride	2.446	84	481852	184.351	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	451111	202.868	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	1634228	232.812	ug/L	100
19) 1,1-Dichloroethane	3.108	63	934934	215.433	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	513933	203.644	ug/L	99
22) 2-Butanone	3.857	43	890636	552.163	ug/L	99
23) Bromochloromethane	4.143	128	252110	185.976	ug/L	95
25) Chloroform	4.275	83	891617	188.489	ug/L	99
27) 1,2-Dichloroethane	5.037	62	741288	201.496	ug/L	99
29) Cyclohexane	4.580	56	907638	279.039	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	781866	195.702	ug/L	99
31) Carbon tetrachloride	4.735	117	671737	189.795	ug/L	99
33) Benzene	5.008	78	1910879	216.739	ug/L	100
34) Trichloroethene	5.831	95	517030	213.534	ug/L	99
35) Methylcyclohexane	6.050	83	870250	242.370	ug/L	100
37) 1,2-Dichloropropane	6.092	63	545222	225.956	ug/L	99
38) Bromodichloromethane	6.429	83	698778	205.517	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	934234	262.335	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	1624571	588.143	ug/L	99
42) Toluene	7.313	91	2005761	217.055	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	860039	240.227	ug/L	99

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45) 1,1,2-Trichloroethane	7.767	97	482365	197.950	ug/L	99
46) Tetrachloroethene	7.905	164	377615	202.910	ug/L	98
48) 2-Hexanone	8.072	43	1341997	583.570	ug/L	99
49) Dibromochloromethane	8.175	129	512189	200.156	ug/L	100
50) 1,2-Dibromoethane	8.281	107	516130	205.087	ug/L	100
51) Chlorobenzene	8.812	112	1302455	197.481	ug/L	98
52) Ethylbenzene	8.947	91	2343270	224.645	ug/L	99
53) m,p-Xylene	9.072	106	881887	226.492	ug/L	100
54) o-Xylene	9.477	106	861111	226.231	ug/L	99
55) Styrene	9.497	104	1499064	226.296	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	804214	214.801	ug/L	100
59) Bromoform	9.664	173	402099	212.862	ug/L	97
60) Isopropylbenzene	9.866	105	2328003	220.681	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	636795	215.525	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	2050726	249.472	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	2079767	246.285	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	1107991	206.733	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	1114898	195.173	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	1090120	197.231	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	201906	245.120	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	854651	225.358	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	770854	230.280	ug/L	100
71) Naphthalene	13.439	128	2117786	236.110	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	714360	222.900	ug/L	100

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

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