

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072524\
 Data File : VW036670.D
 Acq On : 24 Jul 2024 17:47
 Operator : SY/MD
 Sample : VSTD05035
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050235

Quant Time: Jul 25 02:28:08 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	5.532	114	398578	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	399249	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	234133	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	125728	40.906	ug/L	0.00
7) Chloroethane-d5	1.526	69	108682	58.580	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	60438	46.694	ug/L	0.00
21) 2-Butanone-d5	3.780	46	134364	84.778	ug/L	0.00
24) Chloroform-d	4.243	84	262541	48.850	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	158897	50.579	ug/L	0.00
32) Benzene-d6	4.953	84	483774	47.163	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	135518	43.386	ug/L	0.00
41) Toluene-d8	7.239	98	490492	52.146	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	73472	49.122	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	106213	111.469	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	203198	45.224	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.557	152	209705	50.795	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	171762	56.537	ug/L	100
3) Chloromethane	1.214	50	125621	43.493	ug/L	100
5) Vinyl chloride	1.281	62	153925	49.219	ug/L	100
6) Bromomethane	1.481	94	132363	66.189	ug/L	100
8) Chloroethane	1.545	64	100879	68.319	ug/L	100
9) Trichlorofluoromethane	1.709	101	271551	60.583	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	159895	57.732	ug/L	100
12) 1,1-Dichloroethene	2.066	96	146404	59.060	ug/L	100
13) Acetone	2.108	43	126781	70.424	ug/L	100
14) Carbon disulfide	2.233	76	376222	55.768	ug/L	100
15) Methyl Acetate	2.368	43	110327	39.110	ug/L	100
16) Methylene chloride	2.442	84	147687	49.416	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	141970	54.755	ug/L	100
18) Methyl tert-butyl Ether	2.699	73	393131	47.105	ug/L	100
19) 1,1-Dichloroethane	3.104	63	228368	44.725	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	154934	53.700	ug/L	100
22) 2-Butanone	3.860	43	147815	73.213	ug/L	100
23) Bromochloromethane	4.140	128	93492	56.715	ug/L	100
25) Chloroform	4.268	83	277460	50.967	ug/L	100
27) 1,2-Dichloroethane	5.037	62	205546	51.539	ug/L	100
29) Cyclohexane	4.577	56	162268	45.880	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	252294	54.507	ug/L	100
31) Carbon tetrachloride	4.728	117	234734	57.187	ug/L	100
33) Benzene	5.005	78	546494	51.397	ug/L	100
34) Trichloroethene	5.828	95	179445	59.389	ug/L	100
35) Methylcyclohexane	6.046	83	219856	52.561	ug/L	100
37) 1,2-Dichloropropane	6.088	63	130755	45.409	ug/L	100
38) Bromodichloromethane	6.429	83	210435	51.989	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	222881	50.822	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	297826	88.107	ug/L	100
42) Toluene	7.310	91	620483	55.053	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	218782	52.103	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.763	97	160952	51.472	ug/L	100
46) Tetrachloroethene	7.902	164	147564	61.657	ug/L	100
48) 2-Hexanone	8.069	43	237641	83.551	ug/L	100
49) Dibromochloromethane	8.172	129	188125	57.336	ug/L	100
50) 1,2-Dibromoethane	8.278	107	181837	56.168	ug/L	100
51) Chlorobenzene	8.812	112	427691	53.500	ug/L	100
52) Ethylbenzene	8.943	91	665494	54.281	ug/L	100
53) m,p-Xylene	9.069	106	265404	56.670	ug/L	100
54) o-Xylene	9.474	106	255188	55.792	ug/L	100
55) Styrene	9.493	104	462854	58.650	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	200257	41.439	ug/L	100
59) Bromoform	9.660	173	153166	53.703	ug/L	100
60) Isopropylbenzene	9.863	105	691043	51.645	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	190780	44.442	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	552710	51.596	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	561361	53.397	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	369194	52.622	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	380793	51.620	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	376239	52.620	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	56177	54.959	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	271781	54.111	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	237204	58.149	ug/L	100
71) Naphthalene	13.435	128	684160	71.138	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	264987	64.790	ug/L	100

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

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