

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037014.D
 Acq On : 26 Aug 2024 09:55
 Operator : SY/MD
 Sample : VSTD05067
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050267

Quant Time: Aug 27 01:03:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 01:02:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	682877	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	659610	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	334442	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	309705	49.579	ug/L	0.00
7) Chloroethane-d5	1.532	69	241155	49.951	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	128188	48.824	ug/L	0.00
21) 2-Butanone-d5	3.793	46	228931	99.728	ug/L	0.00
24) Chloroform-d	4.243	84	493935	50.522	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	306042	49.708	ug/L	0.00
32) Benzene-d6	4.953	84	998263	50.107	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.985	67	309542	49.605	ug/L	0.00
41) Toluene-d8	7.236	98	908158	50.508	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	143556	49.726	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	166402	101.147	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	376755	49.782	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	328827	49.092	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	312132	54.090	ug/L	100
3) Chloromethane	1.217	50	351362	54.141	ug/L	100
5) Vinyl chloride	1.281	62	327910	53.823	ug/L	100
6) Bromomethane	1.487	94	178833	52.386	ug/L	100
8) Chloroethane	1.548	64	199340	53.493	ug/L	100
9) Trichlorofluoromethane	1.712	101	426572	53.654	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	257183	54.386	ug/L	100
12) 1,1-Dichloroethene	2.069	96	237868	53.392	ug/L	100
13) Acetone	2.111	43	270837	106.984	ug/L	100
14) Carbon disulfide	2.240	76	713529	52.757	ug/L	100
15) Methyl Acetate	2.371	43	233705	53.732	ug/L	100
16) Methylene chloride	2.442	84	266054	52.929	ug/L	100
17) trans-1,2-Dichloroethene	2.690	96	246390	53.274	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	781245	53.698	ug/L	100
19) 1,1-Dichloroethane	3.105	63	494904	53.882	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	273196	53.456	ug/L	100
22) 2-Butanone	3.873	43	301623	109.645	ug/L	100
23) Bromochloromethane	4.140	128	136520	54.418	ug/L	100
25) Chloroform	4.272	83	498633	53.605	ug/L	100
27) 1,2-Dichloroethane	5.037	62	362341	53.391	ug/L	100
29) Cyclohexane	4.574	56	427414	55.111	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	415852	54.792	ug/L	100
31) Carbon tetrachloride	4.725	117	351360	54.863	ug/L	100
33) Benzene	5.005	78	1040180	54.643	ug/L	100
34) Trichloroethene	5.828	95	268393	53.418	ug/L	100
35) Methylcyclohexane	6.043	83	440974	54.493	ug/L	100
37) 1,2-Dichloropropane	6.088	63	276461	54.113	ug/L	100
38) Bromodichloromethane	6.429	83	356491	54.502	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	426833	53.707	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	552128	109.527	ug/L	100
42) Toluene	7.310	91	1093325	55.163	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	387010	54.480	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	255137	53.706	ug/L	100
46) Tetrachloroethene	7.899	164	197518	54.790	ug/L	100
48) 2-Hexanone	8.072	43	398991	102.463	ug/L	100
49) Dibromochloromethane	8.172	129	259726	54.600	ug/L	100
50) 1,2-Dibromoethane	8.278	107	259666	54.016	ug/L	100
51) Chlorobenzene	8.808	112	703586	53.621	ug/L	100
52) Ethylbenzene	8.940	91	1218425	54.425	ug/L	100
53) m,p-Xylene	9.066	106	454260	54.765	ug/L	100
54) o-Xylene	9.474	106	444323	54.710	ug/L	100
55) Styrene	9.490	104	775479	55.379	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	378369	53.777	ug/L	100
59) Bromoform	9.661	173	169074	54.232	ug/L	100
60) Isopropylbenzene	9.863	105	1198683	55.286	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	281315	54.072	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	985963	55.582	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	983650	55.565	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	537358	53.673	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	548062	53.485	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	530675	53.907	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	69190	53.327	ug/L	100
69) 1,3,5-Trichlorobenzene	12.577	180	370177	53.138	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	347092	52.912	ug/L	100
71) Naphthalene	13.432	128	993067	52.427	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	346660	53.626	ug/L	100

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

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