

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092523\
 Data File : VV032169.D
 Acq On : 25 Sep 2023 13:26
 Operator : SY/MD
 Sample : VSTD05069
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050269

Quant Time: Sep 26 01:05:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	232551	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	225173	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	119912	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	72903	50.377	ug/L	0.00
7) Chloroethane-d5	1.529	69	64324	50.456	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	32474	48.412	ug/L	0.00
21) 2-Butanone-d5	3.786	46	141755	119.349	ug/L	0.00
24) Chloroform-d	4.253	84	157657	49.880	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	98869	47.832	ug/L	0.00
32) Benzene-d6	4.963	84	306890	50.222	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	104253	52.124	ug/L	0.00
41) Toluene-d8	7.246	98	280867	49.838	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	49746	49.019	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	94845	141.798	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	149804	56.845	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	110593	50.464	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	99241	64.753	ug/L	100
3) Chloromethane	1.217	50	106515	67.515	ug/L	100
5) Vinyl chloride	1.282	62	103417	62.921	ug/L	100
6) Bromomethane	1.481	94	64401	65.866	ug/L	100
8) Chloroethane	1.545	64	65412	60.763	ug/L	100
9) Trichlorofluoromethane	1.712	101	133315	57.398	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	81292	57.805	ug/L	100
12) 1,1-Dichloroethene	2.069	96	74309	58.415	ug/L	100
13) Acetone	2.111	43	114962	109.943	ug/L	100
14) Carbon disulfide	2.240	76	238666	75.626	ug/L	100
15) Methyl Acetate	2.372	43	116215	61.140	ug/L	100
16) Methylene chloride	2.449	84	94661	58.004	ug/L	100
17) trans-1,2-Dichloroethene	2.696	96	83690	59.808	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	298437	52.515	ug/L	100
19) 1,1-Dichloroethane	3.114	63	169959	55.430	ug/L	100
20) cis-1,2-Dichloroethene	3.818	96	97946	56.701	ug/L	100
22) 2-Butanone	3.870	43	162696	116.842	ug/L	100
23) Bromochloromethane	4.150	128	49080	58.250	ug/L	100
25) Chloroform	4.281	83	164253	52.353	ug/L	100
27) 1,2-Dichloroethane	5.043	62	128093	52.054	ug/L	100
29) Cyclohexane	4.587	56	156678	62.786	ug/L	100
30) 1,1,1-Trichloroethane	4.516	97	139592	52.794	ug/L	100
31) Carbon tetrachloride	4.738	117	120172	53.216	ug/L	100
33) Benzene	5.015	78	367366	58.375	ug/L	100
34) Trichloroethene	5.834	95	96732	51.873	ug/L	100
35) Methylcyclohexane	6.053	83	156387	60.480	ug/L	100
37) 1,2-Dichloropropane	6.095	63	95427	54.914	ug/L	100
38) Bromodichloromethane	6.436	83	126791	51.889	ug/L	100
39) cis-1,3-Dichloropropene	6.957	75	161646	53.710	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	313389	112.726	ug/L	100
42) Toluene	7.317	91	386840	56.518	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	148036	51.557	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.773	97	97029	54.801	ug/L	100
46) Tetrachloroethene	7.908	164	70986	58.749	ug/L	100
48) 2-Hexanone	8.079	43	239812	113.059	ug/L	100
49) Dibromochloromethane	8.178	129	96100	53.368	ug/L	100
50) 1,2-Dibromoethane	8.284	107	104112	55.900	ug/L	100
51) Chlorobenzene	8.818	112	247390	54.742	ug/L	100
52) Ethylbenzene	8.950	91	431466	53.859	ug/L	100
53) m,p-Xylene	9.075	106	159379	53.705	ug/L	100
54) o-Xylene	9.481	106	158443	53.779	ug/L	100
55) Styrene	9.500	104	270810	52.234	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.182	83	151778	58.976	ug/L	100
59) Bromoform	9.667	173	69294	54.766	ug/L	100
60) Isopropylbenzene	9.870	105	423077	52.328	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	122162	53.223	ug/L	100
62) 1,3,5-Trimethylbenzene	10.481	105	348046	51.325	ug/L	100
63) 1,2,4-Trimethylbenzene	10.854	105	342440	50.400	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	193293	52.986	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	193634	52.282	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	193175	53.303	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.368	75	32988	49.056	ug/L	100
69) 1,3,5-Trichlorobenzene	12.587	180	136796	51.769	ug/L	100
70) 1,2,4-trichlorobenzene	13.201	180	130685	51.700	ug/L	100
71) Naphthalene	13.442	128	429374	52.946	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	131009	53.534	ug/L	100

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

