

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036023.D
 Acq On : 06 Jun 2023 10:58
 Operator : JC/MD
 Sample : VSTD20042
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200642

Quant Time: Jun 07 05:18:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:13:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	335291	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	316513	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	158950	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	450866	207.713	ug/L	0.00
7) Chloroethane-d5	1.672	69	354150	222.013	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	229332	216.322	ug/L	0.00
21) 2-Butanone-d5	4.471	46	768063	506.630	ug/L	0.00
24) Chloroform-d	5.056	84	956622	228.067	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	663527	237.161	ug/L	0.00
32) Benzene-d6	5.976	84	1878423	205.817	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	597146	213.960	ug/L	0.00
41) Toluene-d8	8.647	98	1725252	206.905	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	323562	259.192	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	554648	483.097	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	776433	221.543	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	614149	201.358	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	547838	208.896	ug/L	99
3) Chloromethane	1.294	50	549213	229.525	ug/L	99
5) Vinyl chloride	1.374	62	513161	212.227	ug/L	99
6) Bromomethane	1.617	94	327019	228.629	ug/L	100
8) Chloroethane	1.691	64	310328	226.270	ug/L	100
9) Trichlorofluoromethane	1.886	101	644086	193.951	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	448666	199.660	ug/L	99
12) 1,1-Dichloroethene	2.318	96	414651	205.041	ug/L	93
13) Acetone	2.410	43	610370	499.339	ug/L	99
14) Carbon disulfide	2.514	76	1222850	238.844	ug/L	99
15) Methyl Acetate	2.709	43	587062	244.211	ug/L	98
16) Methylene chloride	2.788	84	491625	215.600	ug/L	94
17) trans-1,2-Dichloroethene	3.093	96	452330	215.062	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	1630041	222.324	ug/L	98
19) 1,1-Dichloroethane	3.605	63	893933	218.060	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	528859	216.591	ug/L	97
22) 2-Butanone	4.574	43	841317	480.072	ug/L	98
23) Bromochloromethane	4.897	128	263204	218.506	ug/L	96
25) Chloroform	5.092	83	957794	226.331	ug/L	99
27) 1,2-Dichloroethane	6.086	62	820243	237.854	ug/L	99
29) Cyclohexane	5.470	56	772132	198.826	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	805170	212.500	ug/L	98
31) Carbon tetrachloride	5.678	117	683535	213.379	ug/L	99
33) Benzene	6.037	78	1921262	199.335	ug/L	100
34) Trichloroethene	7.122	95	515912	200.229	ug/L	93
35) Methylcyclohexane	7.379	83	744013	210.516	ug/L	98
37) 1,2-Dichloropropane	7.427	63	517357	203.400	ug/L	100
38) Bromodichloromethane	7.817	83	701185	228.340	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	887987	232.051	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	1536768	445.500	ug/L	96
42) Toluene	8.720	91	2016261	201.062	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	860627	246.430	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	508305	209.251	ug/L	98
46) Tetrachloroethene	9.275	164	365515	194.580	ug/L	96
48) 2-Hexanone	9.433	43	1160185	441.120	ug/L	97
49) Dibromochloromethane	9.525	129	541709	235.063	ug/L	99
50) 1,2-Dibromoethane	9.610	107	557468	220.322	ug/L	100
51) Chlorobenzene	10.079	112	1346486	204.422	ug/L	98
52) Ethylbenzene	10.195	91	2305404	206.337	ug/L	95
53) m,p-Xylene	10.299	106	902582	212.293	ug/L	95
54) o-Xylene	10.640	106	895415	213.945	ug/L	94
55) Styrene	10.658	104	1535602	216.532	ug/L	91
57) 1,1,2,2-Tetrachloroethane	11.213	83	767789	212.088	ug/L	98
59) Bromoform	10.799	173	380496	236.035	ug/L	99
60) Isopropylbenzene	10.963	105	2276881	209.185	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	620636	208.509	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	1944491	216.839	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	1819264	208.017	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	1007536	205.190	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	1002530	199.519	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	950066	191.362	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	181141	245.307	ug/L	91
69) 1,3,5-Trichlorobenzene	13.115	180	603357	198.787	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	584901	206.954	ug/L	99
71) Naphthalene	13.774	128	1946097	197.274	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	559182	201.264	ug/L	99

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

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