

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036019.D
 Acq On : 06 Jun 2023 09:21
 Operator : JC/MD
 Sample : VSTD00538
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005638

Quant Time: Jun 07 05:16:23 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	6.757	114	404070	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	350359	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	186802	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	13774	5.266	ug/L	0.00
7) Chloroethane-d5	1.672	69	10474	5.448	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	6912	5.410	ug/L	0.00
21) 2-Butanone-d5	4.464	46	20913	11.447	ug/L	0.00
24) Chloroform-d	5.050	84	27730	5.486	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	21155	6.274	ug/L	0.00
32) Benzene-d6	5.970	84	55490	5.493	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	16680	5.399	ug/L	0.00
41) Toluene-d8	8.646	98	50248	5.444	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	6811	4.929	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	13552	10.663	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	23650	6.096	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	18851	5.259	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	20453	6.471	ug/L	98
3) Chloromethane	1.294	50	19978	6.928	ug/L	98
5) Vinyl chloride	1.373	62	17359	5.957	ug/L	98
6) Bromomethane	1.617	94	9690	5.621	ug/L	93
8) Chloroethane	1.690	64	9894	5.986	ug/L	98
9) Trichlorofluoromethane	1.885	101	26699	6.671	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.330	101	16746	6.184	ug/L	99
12) 1,1-Dichloroethene	2.318	96	13894	5.701	ug/L	93
13) Acetone	2.391	43	30343	20.598	ug/L	99
14) Carbon disulfide	2.507	76	35817	5.805	ug/L	99
15) Methyl Acetate	2.702	43	18827	6.499	ug/L	98
16) Methylene chloride	2.788	84	15798	5.749	ug/L	98
17) trans-1,2-Dichloroethene	3.086	96	14870	5.867	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	51455	5.823	ug/L	98
19) 1,1-Dichloroethane	3.605	63	29309	5.932	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	17282	5.873	ug/L	99
22) 2-Butanone	4.568	43	30988	14.673	ug/L	98
23) Bromochloromethane	4.891	128	8265	5.694	ug/L #	93
25) Chloroform	5.092	83	32452	6.363	ug/L	98
27) 1,2-Dichloroethane	6.086	62	27212	6.548	ug/L	100
29) Cyclohexane	5.458	56	26714	6.214	ug/L #	23
30) 1,1,1-Trichloroethane	5.379	97	25568	6.096	ug/L	98
31) Carbon tetrachloride	5.671	117	20677	5.831	ug/L	100
33) Benzene	6.031	78	64227	6.020	ug/L	100
34) Trichloroethene	7.116	95	17415	6.106	ug/L	96
35) Methylcyclohexane	7.378	83	24073	6.153	ug/L	95
37) 1,2-Dichloropropane	7.427	63	16167	5.742	ug/L	99
38) Bromodichloromethane	7.817	83	19276	5.671	ug/L #	95
39) cis-1,3-Dichloropropene	8.366	75	22629	5.342	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	47443	12.425	ug/L	98
42) Toluene	8.713	91	64385	5.800	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	20078	5.194	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.152	97	15750	5.857	ug/L	95
46) Tetrachloroethene	9.274	164	11827	5.688	ug/L	95
48) 2-Hexanone	9.427	43	40359	13.863	ug/L	99
49) Dibromochloromethane	9.518	129	12957	5.079	ug/L	96
50) 1,2-Dibromoethane	9.610	107	16063	5.735	ug/L	93
51) Chlorobenzene	10.079	112	42341	5.807	ug/L	96
52) Ethylbenzene	10.195	91	74502	6.024	ug/L	99
53) m,p-Xylene	10.299	106	27237	5.787	ug/L	95
54) o-Xylene	10.640	106	26183	5.652	ug/L	96
55) Styrene	10.652	104	43303	5.516	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	25316	6.318	ug/L	96
59) Bromoform	10.798	173	8054	4.251	ug/L	99
60) Isopropylbenzene	10.963	105	74278	5.807	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	21532	6.155	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	59670	5.662	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	54054	5.259	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	32037	5.552	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	33557	5.683	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	31769	5.445	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.938	75	4524	5.213	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.115	180	19358	5.427	ug/L	94
70) 1,2,4-trichlorobenzene	13.585	180	17143	5.161	ug/L	95
71) Naphthalene	13.774	128	53940	4.653	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	17693	5.419	ug/L	99

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

