

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030724\
 Data File : VX040603.D
 Acq On : 06 Mar 2024 14:22
 Operator : JC/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100665

Quant Time: Mar 07 01:17:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:15:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	156566	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	149299	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	78762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	139956	109.633	ug/L	0.00
7) Chloroethane-d5	1.660	69	105033	109.482	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.300	65	62943	112.734	ug/L	0.00
21) 2-Butanone-d5	4.452	46	215769	194.452	ug/L	0.00
24) Chloroform-d	5.056	84	261491	114.449	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	185768	121.890	ug/L	0.00
32) Benzene-d6	5.977	84	470428	100.860	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	143717	96.252	ug/L	0.00
41) Toluene-d8	8.647	98	440085	103.053	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	79813	104.267	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	164800	188.779	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	219188	102.753	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	167972	108.961	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	146674	114.626	ug/L	99
3) Chloromethane	1.295	50	125302	97.136	ug/L	98
5) Vinyl chloride	1.374	62	136889	105.531	ug/L	99
6) Bromomethane	1.599	94	65152	92.757	ug/L	98
8) Chloroethane	1.679	64	73570	99.094	ug/L	95
9) Trichlorofluoromethane	1.886	101	187354	110.706	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	110815	103.507	ug/L	99
12) 1,1-Dichloroethene	2.319	96	99030	99.175	ug/L	94
13) Acetone	2.380	43	148730	148.710	ug/L	98
14) Carbon disulfide	2.508	76	292768	93.836	ug/L	99
15) Methyl Acetate	2.703	43	132789	90.444	ug/L	100
16) Methylene chloride	2.788	84	106343	93.526	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	101890	97.789	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	357289	97.662	ug/L	100
19) 1,1-Dichloroethane	3.611	63	199494	96.397	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	116688	96.854	ug/L	97
22) 2-Butanone	4.556	43	200994	161.617	ug/L	100
23) Bromochloromethane	4.904	128	56284	97.887	ug/L	96
25) Chloroform	5.093	83	219804	104.266	ug/L	99
27) 1,2-Dichloroethane	6.086	62	198982	116.347	ug/L	99
29) Cyclohexane	5.471	56	176758	88.324	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	195646	107.359	ug/L	99
31) Carbon tetrachloride	5.678	117	168605	110.765	ug/L	98
33) Benzene	6.038	78	418896	91.107	ug/L	100
34) Trichloroethene	7.123	95	121625	98.015	ug/L	98
35) Methylcyclohexane	7.379	83	183431	91.023	ug/L	99
37) 1,2-Dichloropropane	7.428	63	112813	89.111	ug/L	100
38) Bromodichloromethane	7.824	83	168105	105.336	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	189237	92.740	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	392642	184.361	ug/L	99
42) Toluene	8.720	91	463970	94.291	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	189486	99.277	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	113685	95.781	ug/L	98
46) Tetrachloroethene	9.275	164	88513	106.289	ug/L	97
48) 2-Hexanone	9.427	43	319214	180.223	ug/L	98
49) Dibromochloromethane	9.519	129	122683	104.733	ug/L	99
50) 1,2-Dibromoethane	9.610	107	124576	97.840	ug/L	96
51) Chlorobenzene	10.080	112	297061	97.256	ug/L	99
52) Ethylbenzene	10.195	91	550018	99.310	ug/L	98
53) m,p-Xylene	10.299	106	201303	97.841	ug/L	94
54) o-Xylene	10.640	106	196786	99.622	ug/L	100
55) Styrene	10.653	104	342481	101.000	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	189367	92.561	ug/L	99
59) Bromoform	10.799	173	96873	103.016	ug/L	99
60) Isopropylbenzene	10.964	105	548726	95.383	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	157474	91.669	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	469670	96.788	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	466491	97.572	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	242712	99.958	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	245371	99.187	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	232725	99.282	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	54402	103.339	ug/L	88
69) 1,3,5-Trichlorobenzene	13.116	180	169877	103.818	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	144422	92.722	ug/L	98
71) Naphthalene	13.774	128	479320	91.069	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	143779	95.182	ug/L	99

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

