

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041023\
 Data File : VX034986.D
 Acq On : 10 Apr 2023 10:26
 Operator : JC/MD
 Sample : VSTD01027
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010627

Quant Time: Apr 11 05:16:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 05:14:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	487543	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	424428	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	202472	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	31229	9.617	ug/L	0.00
7) Chloroethane-d5	1.672	69	23936	10.064	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	62747	9.532	ug/L	0.00
21) 2-Butanone-d5	4.465	46	40162	18.608	ug/L	0.00
24) Chloroform-d	5.062	84	57472	9.287	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	40758	9.595	ug/L	0.00
32) Benzene-d6	5.977	84	113220	9.556	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	34588	9.490	ug/L	0.00
41) Toluene-d8	8.647	98	102813	9.462	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	13531	8.084	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	24735	16.979	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	42104	9.296	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	36395	9.796	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	40540	9.574	ug/L	99
3) Chloromethane	1.294	50	38381	9.644	ug/L	99
5) Vinyl chloride	1.374	62	39544	9.803	ug/L	98
6) Bromomethane	1.618	94	22631	9.929	ug/L	95
8) Chloroethane	1.691	64	23553	10.376	ug/L	99
9) Trichlorofluoromethane	1.892	101	54650	9.738	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	33630	9.657	ug/L	99
12) 1,1-Dichloroethene	2.319	96	29261	9.437	ug/L	95
13) Acetone	2.392	43	43596	20.431	ug/L	98
14) Carbon disulfide	2.514	76	75549	9.067	ug/L	99
15) Methyl Acetate	2.703	43	34728	9.482	ug/L	99
16) Methylene chloride	2.788	84	33493	9.849	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	30602	9.601	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	105618	9.480	ug/L	99
19) 1,1-Dichloroethane	3.605	63	60925	9.599	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	34062	9.341	ug/L	95
22) 2-Butanone	4.568	43	50760	18.621	ug/L	99
23) Bromochloromethane	4.904	128	17271	9.575	ug/L	94
25) Chloroform	5.093	83	62360	9.580	ug/L	96
27) 1,2-Dichloroethane	6.086	62	52656	9.551	ug/L	99
29) Cyclohexane	5.471	56	56146	9.620	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	52753	9.399	ug/L #	87
31) Carbon tetrachloride	5.684	117	44300	9.157	ug/L	100
33) Benzene	6.038	78	132383	9.780	ug/L	100
34) Trichloroethene	7.129	95	34922	9.569	ug/L	99
35) Methylcyclohexane	7.379	83	49610	9.430	ug/L	99
37) 1,2-Dichloropropane	7.428	63	34415	9.595	ug/L	100
38) Bromodichloromethane	7.824	83	41212	9.082	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	48952	8.931	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	88361	18.541	ug/L	99
42) Toluene	8.720	91	138418	9.874	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	42397	8.402	ug/L	99

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

45) 1,1,2-Trichloroethane	9.153	97	32512	9.721	ug/L	97
46) Tetrachloroethene	9.275	164	25711	9.457	ug/L	98
48) 2-Hexanone	9.433	43	69115	18.502	ug/L	100
49) Dibromochloromethane	9.519	129	28305	8.604	ug/L	95
50) 1,2-Dibromoethane	9.610	107	32288	9.199	ug/L	100
51) Chlorobenzene	10.079	112	87200	9.651	ug/L	99
52) Ethylbenzene	10.195	91	153630	9.657	ug/L	98
53) m,p-Xylene	10.299	106	56593	9.441	ug/L	96
54) o-Xylene	10.640	106	55142	9.337	ug/L	97
55) Styrene	10.653	104	91769	9.268	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	47494	9.564	ug/L	98
59) Bromoform	10.799	173	17772	8.233	ug/L	100
60) Isopropylbenzene	10.963	105	146405	9.902	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	38524	9.923	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	117960	9.622	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	115571	9.547	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	63381	9.622	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	65090	9.774	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	63442	9.777	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	8431	8.485	ug/L	89
69) 1,3,5-Trichlorobenzene	13.109	180	38439	9.329	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	35683	9.311	ug/L	96
71) Naphthalene	13.774	128	118759	9.068	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	36276	9.426	ug/L	99

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

