

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020223\
 Data File : VX033988.D
 Acq On : 02 Feb 2023 10:33
 Operator : JC/MD
 Sample : VSTD01014
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010614

Quant Time: Feb 03 04:11:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML020223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 03 04:09:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	238584	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	211464	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	116110	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	16646	10.476	ug/L	0.00
7) Chloroethane-d5	1.672	69	10081	10.451	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	29460	10.118	ug/L	0.00
21) 2-Butanone-d5	4.458	46	18019	19.779	ug/L	0.00
24) Chloroform-d	5.056	84	29215	10.250	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	17078	9.931	ug/L	0.00
32) Benzene-d6	5.970	84	61205	10.097	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	17953	10.018	ug/L	0.00
41) Toluene-d8	8.647	98	58717	10.211	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	7264	8.932	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	12600	18.749	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	23740	10.564	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	23816	10.248	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	17158	9.667	ug/L	99
3) Chloromethane	1.294	50	16784	10.359	ug/L	97
5) Vinyl chloride	1.374	62	16367	9.990	ug/L	98
6) Bromomethane	1.618	94	9780	11.512	ug/L	96
8) Chloroethane	1.691	64	8445	9.697	ug/L	94
9) Trichlorofluoromethane	1.892	101	22334	9.618	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	15336	9.550	ug/L	100
12) 1,1-Dichloroethene	2.319	96	14237	9.692	ug/L #	73
13) Acetone	2.386	43	19294	20.586	ug/L	95
14) Carbon disulfide	2.514	76	36889	9.278	ug/L	98
15) Methyl Acetate	2.703	43	14798	9.911	ug/L	98
16) Methylene chloride	2.788	84	15452	9.933	ug/L	93
17) trans-1,2-Dichloroethene	3.093	96	14739	9.720	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	43409	9.832	ug/L	99
19) 1,1-Dichloroethane	3.611	63	26328	9.948	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	17398	10.040	ug/L	100
22) 2-Butanone	4.556	43	23238	20.188	ug/L	99
23) Bromochloromethane	4.897	128	9565	10.055	ug/L	95
25) Chloroform	5.086	83	27174	9.943	ug/L	95
27) 1,2-Dichloroethane	6.086	62	20539	9.792	ug/L	100
29) Cyclohexane	5.471	56	23541	9.102	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	21715	9.085	ug/L	99
31) Carbon tetrachloride	5.678	117	20023	9.004	ug/L	98
33) Benzene	6.037	78	61079	9.713	ug/L	100
34) Trichloroethene	7.123	95	15784	9.262	ug/L	94
35) Methylcyclohexane	7.379	83	24201	8.906	ug/L	99
37) 1,2-Dichloropropane	7.427	63	15666	9.782	ug/L	99
38) Bromodichloromethane	7.824	83	19208	9.432	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	21427	8.716	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	37849	19.204	ug/L	99
42) Toluene	8.714	91	64567	9.599	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	19365	8.853	ug/L	98

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45) 1,1,2-Trichloroethane	9.153	97	15840	9.770	ug/L	97
46) Tetrachloroethene	9.275	164	15448	9.441	ug/L	98
48) 2-Hexanone	9.427	43	31777	20.231	ug/L	94
49) Dibromochloromethane	9.519	129	16211	9.267	ug/L	95
50) 1,2-Dibromoethane	9.610	107	16697	9.584	ug/L #	99
51) Chlorobenzene	10.079	112	44483	9.789	ug/L	98
52) Ethylbenzene	10.195	91	70578	9.548	ug/L	100
53) m,p-Xylene	10.299	106	28515	9.610	ug/L	99
54) o-Xylene	10.640	106	28089	9.798	ug/L	92
55) Styrene	10.653	104	46128	9.591	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	23399	10.267	ug/L	98
59) Bromoform	10.799	173	12829	9.079	ug/L	99
60) Isopropylbenzene	10.963	105	72113	9.507	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	17850	10.127	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	58851	9.478	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	58317	9.529	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	36665	9.721	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	37279	9.766	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	36813	9.981	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	3909	9.052	ug/L	79
69) 1,3,5-Trichlorobenzene	13.109	180	26783	9.416	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	23038	8.922	ug/L	98
71) Naphthalene	13.774	128	65941	9.224	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	24135	9.468	ug/L	99

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

