

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041023\
 Data File : VX034987.D
 Acq On : 10 Apr 2023 10:49
 Operator : JC/MD
 Sample : VSTD05028
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050628

Quant Time: Apr 11 05:16:35 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	6.763	114	510906	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	452096	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	224039	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	168139	49.410	ug/L	0.00
7) Chloroethane-d5	1.673	69	122377	49.099	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	338820	49.118	ug/L	0.00
21) 2-Butanone-d5	4.465	46	227775	100.710	ug/L	0.00
24) Chloroform-d	5.056	84	320810	49.471	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	214659	48.221	ug/L	0.00
32) Benzene-d6	5.971	84	624371	49.473	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	192488	49.580	ug/L	0.00
41) Toluene-d8	8.647	98	572242	49.439	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	91039	51.063	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	160263	103.279	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	238106	49.351	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	201542	49.024	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	216355	48.760	ug/L	100
3) Chloromethane	1.295	50	200823	48.152	ug/L	100
5) Vinyl chloride	1.374	62	202763	47.968	ug/L	100
6) Bromomethane	1.618	94	113770	47.631	ug/L	100
8) Chloroethane	1.691	64	114946	48.323	ug/L	100
9) Trichlorofluoromethane	1.892	101	285146	48.486	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	174691	47.868	ug/L	100
12) 1,1-Dichloroethene	2.319	96	156323	48.113	ug/L	100
13) Acetone	2.392	43	209473	93.679	ug/L	100
14) Carbon disulfide	2.514	76	417109	47.768	ug/L	100
15) Methyl Acetate	2.703	43	184992	48.198	ug/L	100
16) Methylene chloride	2.788	84	169623	47.600	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	160138	47.943	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	565567	48.441	ug/L	100
19) 1,1-Dichloroethane	3.611	63	320838	48.236	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	183749	48.087	ug/L	100
22) 2-Butanone	4.562	43	279509	97.845	ug/L	100
23) Bromochloromethane	4.898	128	90564	47.913	ug/L	100
25) Chloroform	5.093	83	329541	48.309	ug/L	100
27) 1,2-Dichloroethane	6.086	62	277841	48.093	ug/L	100
29) Cyclohexane	5.471	56	301317	48.469	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	288542	48.265	ug/L	100
31) Carbon tetrachloride	5.678	117	249664	48.449	ug/L	100
33) Benzene	6.038	78	694630	48.179	ug/L	100
34) Trichloroethene	7.123	95	184357	47.427	ug/L	100
35) Methylcyclohexane	7.379	83	274934	49.060	ug/L	100
37) 1,2-Dichloropropane	7.428	63	185221	48.482	ug/L	100
38) Bromodichloromethane	7.818	83	232800	48.162	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	288317	49.380	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	505145	99.507	ug/L	100
42) Toluene	8.720	91	726847	48.676	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	270849	50.388	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	171769	48.215	ug/L	100
46) Tetrachloroethene	9.275	164	139426	48.146	ug/L	100
48) 2-Hexanone	9.427	43	398893	100.246	ug/L	100
49) Dibromochloromethane	9.519	129	173638	49.552	ug/L	100
50) 1,2-Dibromoethane	9.610	107	183782	49.158	ug/L	100
51) Chlorobenzene	10.080	112	462118	48.014	ug/L	100
52) Ethylbenzene	10.195	91	834306	49.233	ug/L	100
53) m,p-Xylene	10.299	106	312405	48.929	ug/L	100
54) o-Xylene	10.640	106	307158	48.825	ug/L	100
55) Styrene	10.653	104	519680	49.271	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.214	83	258486	48.864	ug/L	100
59) Bromoform	10.799	173	116087	48.600	ug/L	100
60) Isopropylbenzene	10.964	105	810128	49.515	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	208459	48.526	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	673341	49.636	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	670667	50.070	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	349713	47.982	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	352099	47.780	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	345791	48.159	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	55067	50.084	ug/L	100
69) 1,3,5-Trichlorobenzene	13.110	180	216574	47.504	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	201011	47.400	ug/L	100
71) Naphthalene	13.774	128	721267	49.772	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	201703	47.367	ug/L	100

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

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