

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036020.D
 Acq On : 06 Jun 2023 09:45
 Operator : JC/MD
 Sample : VSTD01039
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD010639

Quant Time: Jun 07 05:16:55 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	6.763	114	336492	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	301407	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	149304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	21859	10.034	ug/L	0.00
7) Chloroethane-d5	1.672	69	15924	9.947	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	65	10825	10.174	ug/L	0.00
21) 2-Butanone-d5	4.471	46	35353	23.236	ug/L	0.00
24) Chloroform-d	5.056	84	45377	10.780	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	33452	11.914	ug/L	0.00
32) Benzene-d6	5.970	84	87696	10.090	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	27250	10.253	ug/L	0.00
41) Toluene-d8	8.647	98	81456	10.258	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	11840	9.960	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	22916	20.960	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	36934	11.067	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	28516	9.953	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29047	11.036	ug/L	96
3) Chloromethane	1.294	50	27152	11.307	ug/L	99
5) Vinyl chloride	1.374	62	25724	10.601	ug/L	99
6) Bromomethane	1.618	94	13633	9.497	ug/L	97
8) Chloroethane	1.691	64	15242	11.074	ug/L	96
9) Trichlorofluoromethane	1.892	101	36931	11.081	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	22733	10.080	ug/L	99
12) 1,1-Dichloroethene	2.319	96	19625	9.670	ug/L	91
13) Acetone	2.398	43	35723	29.120	ug/L	99
14) Carbon disulfide	2.514	76	50096	9.750	ug/L	99
15) Methyl Acetate	2.709	43	26959	11.175	ug/L	98
16) Methylene chloride	2.788	84	23261	10.165	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	21496	10.184	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	74391	10.110	ug/L	98
19) 1,1-Dichloroethane	3.605	63	42605	10.356	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	24212	9.880	ug/L	92
22) 2-Butanone	4.568	43	41257	23.458	ug/L	99
23) Bromochloromethane	4.897	128	12854	10.633	ug/L	85
25) Chloroform	5.093	83	45319	10.671	ug/L	99
27) 1,2-Dichloroethane	6.086	62	38534	11.134	ug/L	100
29) Cyclohexane	5.464	56	37448	10.126	ug/L	97
30) 1,1,1-Trichloroethane	5.385	97	36720	10.177	ug/L	96
31) Carbon tetrachloride	5.672	117	29695	9.734	ug/L	98
33) Benzene	6.037	78	92392	10.066	ug/L	100
34) Trichloroethene	7.123	95	24267	9.890	ug/L	98
35) Methylcyclohexane	7.379	83	35854	10.653	ug/L	100
37) 1,2-Dichloropropane	7.427	63	23836	9.841	ug/L	# 97
38) Bromodichloromethane	7.824	83	28941	9.897	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	33355	9.153	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	71209	21.678	ug/L	99
42) Toluene	8.714	91	94255	9.870	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	30139	9.062	ug/L	93

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45) 1,1,2-Trichloroethane	9.153	97	23400	10.116	ug/L	96
46) Tetrachloroethene	9.275	164	16867	9.429	ug/L	99
48) 2-Hexanone	9.433	43	56506	22.561	ug/L	97
49) Dibromochloromethane	9.519	129	19809	9.026	ug/L	99
50) 1,2-Dibromoethane	9.610	107	23696	9.834	ug/L #	95
51) Chlorobenzene	10.079	112	62764	10.006	ug/L	97
52) Ethylbenzene	10.195	91	107662	10.119	ug/L	98
53) m,p-Xylene	10.299	106	40633	10.036	ug/L	97
54) o-Xylene	10.640	106	39150	9.823	ug/L	96
55) Styrene	10.652	104	66085	9.786	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	37887	10.990	ug/L	99
59) Bromoform	10.799	173	12310	8.130	ug/L	96
60) Isopropylbenzene	10.963	105	106134	10.381	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	31080	11.116	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	84505	10.032	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	79118	9.631	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	44801	9.713	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	47248	10.011	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	45822	9.826	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	6877	9.915	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	27625	9.690	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	23936	9.016	ug/L	99
71) Naphthalene	13.774	128	78910	8.516	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	24601	9.427	ug/L	99

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

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