

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071922\
 Data File : VX030113.D
 Acq On : 19 Jul 2022 12:54
 Operator : JC/MD
 Sample : VSTD10075
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100675

Quant Time: Jul 20 07:33:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 20 07:31:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	280865	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	261662	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	141164	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	218761	99.856	ug/L	0.00
7) Chloroethane-d5	1.660	69	162272	107.037	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	432483	102.060	ug/L	0.00
21) 2-Butanone-d5	4.464	46	445078	206.543	ug/L	0.00
24) Chloroform-d	5.062	84	454679	102.225	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	279764	100.542	ug/L	0.00
32) Benzene-d6	5.976	84	969042	100.611	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.311	67	313023	101.345	ug/L	0.00
41) Toluene-d8	8.653	98	890728	101.356	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	141385	107.788	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	332757	214.838	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	423639	102.786	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	330349	100.953	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	236867	100.710	ug/L	99
3) Chloromethane	1.288	50	215959	102.727	ug/L	98
5) Vinyl chloride	1.374	62	224541	102.468	ug/L	95
6) Bromomethane	1.605	94	100906	102.082	ug/L	98
8) Chloroethane	1.684	64	123895	102.457	ug/L	98
9) Trichlorofluoromethane	1.886	101	295213	104.068	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	205925	102.684	ug/L	100
12) 1,1-Dichloroethene	2.318	96	200624	103.763	ug/L	83
13) Acetone	2.386	43	242349	202.062	ug/L	98
14) Carbon disulfide	2.514	76	564522	103.746	ug/L	98
15) Methyl Acetate	2.709	43	283382	103.740	ug/L	100
16) Methylene chloride	2.788	84	232432	99.585	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	215042	104.516	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	668133	105.408	ug/L	99
19) 1,1-Dichloroethane	3.611	63	393687	104.679	ug/L	98
20) cis-1,2-Dichloroethene	4.495	96	250041	104.666	ug/L	98
22) 2-Butanone	4.562	43	429926	209.650	ug/L	99
23) Bromochloromethane	4.909	128	120765	101.582	ug/L	97
25) Chloroform	5.098	83	405770	103.945	ug/L	97
27) 1,2-Dichloroethane	6.092	62	308218	105.125	ug/L	99
29) Cyclohexane	5.476	56	374367	104.304	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	331155	102.863	ug/L	99
31) Carbon tetrachloride	5.684	117	277844	104.771	ug/L	100
33) Benzene	6.043	78	941001	103.283	ug/L	100
34) Trichloroethene	7.129	95	251654	103.126	ug/L	96
35) Methylcyclohexane	7.385	83	390660	106.414	ug/L	100
37) 1,2-Dichloropropane	7.433	63	246450	104.548	ug/L	99
38) Bromodichloromethane	7.824	83	306257	104.973	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	362284	106.285	ug/L	99
40) 4-Methyl-2-pentanone	8.580	43	829951	213.971	ug/L	100
42) Toluene	8.720	91	1004450	106.178	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	349031	109.341	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	237099	103.903	ug/L	98
46) Tetrachloroethene	9.275	164	169028	99.984	ug/L	94
48) 2-Hexanone	9.433	43	665702	213.722	ug/L	99
49) Dibromochloromethane	9.524	129	247824	108.538	ug/L	100
50) 1,2-Dibromoethane	9.610	107	252462	104.186	ug/L	98
51) Chlorobenzene	10.079	112	620980	104.472	ug/L	97
52) Ethylbenzene	10.195	91	1083062	107.413	ug/L	100
53) m,p-Xylene	10.305	106	418986	106.598	ug/L	97
54) o-Xylene	10.646	106	412845	108.165	ug/L	99
55) Styrene	10.658	104	722693	109.911	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	372277	103.379	ug/L	99
59) Bromoform	10.805	173	174705	105.959	ug/L	98
60) Isopropylbenzene	10.963	105	1067920	103.215	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	313388	100.080	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	908447	106.256	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	907385	106.444	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	471322	103.563	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	473149	103.412	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	476696	102.963	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	101880	108.336	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	322814	105.051	ug/L	100
70) 1,2,4-trichlorobenzene	13.591	180	291639	108.127	ug/L	99
71) Naphthalene	13.780	128	1217805	110.364	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	301978	105.381	ug/L	100

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

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