

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081121\
 Data File : VX023643.D
 Acq On : 11 Aug 2021 10:07
 Operator : JC/MD
 Sample : VSTD10009
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100609

Quant Time: Aug 11 11:48:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML081121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 11 11:44:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	341853	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	322190	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	154887	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	182348	75.839	ug/L	0.00
7) Chloroethane-d5	1.654	69	153148	83.745	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.307	63	400734	88.054	ug/L	0.00
21) 2-Butanone-d5	4.465	46	362220	184.218	ug/L	0.00
24) Chloroform-d	5.068	84	421588	91.962	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	278997	91.765	ug/L	0.00
32) Benzene-d6	5.983	84	830930	85.110	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	261905	85.289	ug/L	0.00
41) Toluene-d8	8.653	98	801825	89.199	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	130347	87.146	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	269313	180.991	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	348584	83.166	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	278436	90.102	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	218692	89.409	ug/L	99
3) Chloromethane	1.295	50	210506	87.797	ug/L	99
5) Vinyl chloride	1.374	62	218256	84.340	ug/L	100
6) Bromomethane	1.599	94	125093	95.419	ug/L	97
8) Chloroethane	1.679	64	136494	88.426	ug/L	98
9) Trichlorofluoromethane	1.880	101	361146	97.105	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	209239	94.656	ug/L	97
12) 1,1-Dichloroethene	2.319	96	186763	89.522	ug/L	96
13) Acetone	2.392	43	267125	182.165	ug/L	93
14) Carbon disulfide	2.514	76	382280	67.261	ug/L	100
15) Methyl Acetate	2.715	43	266897	95.128	ug/L	91
16) Methylene chloride	2.794	84	225350	87.541	ug/L	90
17) trans-1,2-Dichloroethene	3.093	96	195789	86.233	ug/L	94
18) Methyl tert-butyl Ether	3.123	73	727963	93.069	ug/L	96
19) 1,1-Dichloroethane	3.617	63	401099	93.499	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	237219	90.966	ug/L	95
22) 2-Butanone	4.568	43	413813	187.034	ug/L	91
23) Bromochloromethane	4.910	128	124965	101.218	ug/L	97
25) Chloroform	5.105	83	428762	96.936	ug/L	98
27) 1,2-Dichloroethane	6.099	62	352363	100.693	ug/L	96
29) Cyclohexane	5.477	56	329992	80.608	ug/L	97
30) 1,1,1-Trichloroethane	5.391	97	373436	96.035	ug/L	98
31) Carbon tetrachloride	5.684	117	316719	98.040	ug/L	100
33) Benzene	6.044	78	887803	88.273	ug/L	100
34) Trichloroethene	7.129	95	235514	91.349	ug/L	97
35) Methylcyclohexane	7.385	83	346709	83.194	ug/L	99
37) 1,2-Dichloropropane	7.440	63	245936	93.571	ug/L	98
38) Bromodichloromethane	7.830	83	315521	96.790	ug/L	99
39) cis-1,3-Dichloropropene	8.373	75	379850	95.014	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	813212	196.049	ug/L	92
42) Toluene	8.726	91	993369	92.281	ug/L	99
44) trans-1,3-Dichloropropene	8.982	75	386648	97.919	ug/L	98

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45) 1,1,2-Trichloroethane	9.153	97	249582	98.217	ug/L	100
46) Tetrachloroethene	9.275	164	182656	102.757	ug/L	95
48) 2-Hexanone	9.433	43	627786	188.735	ug/L #	90
49) Dibromochloromethane	9.525	129	271966	111.232	ug/L	97
50) 1,2-Dibromoethane	9.616	107	261207	99.792	ug/L	100
51) Chlorobenzene	10.086	112	658272	96.496	ug/L	97
52) Ethylbenzene	10.195	91	1106504	92.675	ug/L	98
53) m,p-Xylene	10.305	106	423894	92.575	ug/L	99
54) o-Xylene	10.647	106	424900	95.462	ug/L	93
55) Styrene	10.659	104	729111	97.176	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.214	83	373169	90.989	ug/L	99
59) Bromoform	10.805	173	194543	120.981	ug/L	98
60) Isopropylbenzene	10.964	105	1137152	93.318	ug/L	99
61) 1,2,3-Trichloropropane	11.244	75	324257	92.396	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	928093	90.896	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	928793	90.054	ug/L	100
64) 1,3-Dichlorobenzene	11.976	146	490081	98.000	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	481010	96.003	ug/L	98
67) 1,2-Dichlorobenzene	12.341	146	475294	94.734	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	82376	94.954	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	343908	105.447	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	300702	102.792	ug/L	97
71) Naphthalene	13.780	128	1101526	93.154	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	308862	104.958	ug/L	97

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

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