

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052621\
 Data File : VX022180.D
 Acq On : 25 May 2021 16:42
 Operator : JC/MD
 Sample : VSTD10034
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100134

Quant Time: May 25 17:03:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML052621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 25 16:55:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	160361	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	147494	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	68413	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	131040	120.143	ug/L	0.00
7) Chloroethane-d5	1.654	69	102070	121.730	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	240444	109.856	ug/L	0.00
21) 2-Butanone-d5	4.471	46	206807	244.995	ug/L	0.00
24) Chloroform-d	5.068	84	248928	110.039	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	157253	99.872	ug/L	0.00
32) Benzene-d6	5.983	84	509775	121.877	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	160357	117.934	ug/L	0.00
41) Toluene-d8	8.653	98	459682	117.732	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.958	79	81391	118.253	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	159555	284.623	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	221600	125.081	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	154446	109.791	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	124955	93.995	ug/L	99
3) Chloromethane	1.294	50	124575	95.212	ug/L	96
5) Vinyl chloride	1.374	62	135939	112.475	ug/L	98
6) Bromomethane	1.599	94	61481	112.927	ug/L	98
8) Chloroethane	1.678	64	81757	111.964	ug/L	98
9) Trichlorofluoromethane	1.880	101	188622	107.426	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	111299	105.017	ug/L	91
12) 1,1-Dichloroethene	2.319	96	106816	109.477	ug/L	98
13) Acetone	2.392	43	126456	236.258	ug/L	98
14) Carbon disulfide	2.514	76	321175	110.042	ug/L	100
15) Methyl Acetate	2.715	43	143961	119.037	ug/L	94
16) Methylene chloride	2.794	84	129126	116.164	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	119206	116.752	ug/L	96
18) Methyl tert-butyl Ether	3.123	73	400687	118.341	ug/L	98
19) 1,1-Dichloroethane	3.617	63	220366	112.719	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	137107	120.120	ug/L	97
22) 2-Butanone	4.574	43	214416	249.513	ug/L	92
23) Bromochloromethane	4.910	128	62859	111.408	ug/L	89
25) Chloroform	5.105	83	226403	108.767	ug/L	99
27) 1,2-Dichloroethane	6.098	62	178951	103.103	ug/L	98
29) Cyclohexane	5.483	56	209874	120.112	ug/L	100
30) 1,1,1-Trichloroethane	5.397	97	198884	108.874	ug/L	99
31) Carbon tetrachloride	5.690	117	168140	107.063	ug/L	97
33) Benzene	6.050	78	506456	119.825	ug/L	100
34) Trichloroethene	7.135	95	129028	113.018	ug/L	98
35) Methylcyclohexane	7.385	83	212216	124.496	ug/L	98
37) 1,2-Dichloropropane	7.440	63	130575	117.773	ug/L	100
38) Bromodichloromethane	7.830	83	170051	111.000	ug/L	99
39) cis-1,3-Dichloropropene	8.372	75	207816	119.406	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	417195	254.668	ug/L	94
42) Toluene	8.726	91	540935	120.302	ug/L	97
44) trans-1,3-Dichloropropene	8.982	75	205283	120.743	ug/L	100

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45) 1,1,2-Trichloroethane	9.159	97	126356	118.769	ug/L	99
46) Tetrachloroethene	9.281	164	85510	103.571	ug/L	92
48) 2-Hexanone	9.433	43	326324	258.420	ug/L	92
49) Dibromochloromethane	9.525	129	128359	110.591	ug/L	97
50) 1,2-Dibromoethane	9.616	107	132768	121.112	ug/L #	98
51) Chlorobenzene	10.085	112	337282	119.156	ug/L	98
52) Ethylbenzene	10.201	91	603596	122.318	ug/L	97
53) m,p-Xylene	10.305	106	228852	126.803	ug/L	100
54) o-Xylene	10.646	106	223080	126.134	ug/L	95
55) Styrene	10.659	104	383613	127.273	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.219	83	207393	129.298	ug/L	99
59) Bromoform	10.805	173	81743	101.296	ug/L #	98
60) Isopropylbenzene	10.969	105	584945	124.423	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	165376	122.019	ug/L	99
62) 1,3,5-Trimethylbenzene	11.457	105	496982	127.470	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	501803	128.291	ug/L	98
64) 1,3-Dichlorobenzene	11.975	146	235829	116.327	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	236970	114.981	ug/L	97
67) 1,2-Dichlorobenzene	12.341	146	238276	116.888	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	45255	120.491	ug/L	90
69) 1,3,5-Trichlorobenzene	13.115	180	153286	109.140	ug/L	97
70) 1,2,4-trichlorobenzene	13.591	180	141722	113.690	ug/L	98
71) Naphthalene	13.780	128	592321	139.797	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	139626	109.376	ug/L	96

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

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