

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066485.D
 Acq On : 6 Apr 2021 10:59
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:46:47 PM

Quant Time: Apr 06 12:24:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 12:21:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.587	168	284297	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	416989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	392442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	179233	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	66932	18.02	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	36.04%#		
35) Dibromofluoromethane	7.504	113	53646	19.37	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.74%#		
50) Toluene-d8	10.028	98	191850	18.28	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	36.56%#		
62) 4-Bromofluorobenzene	12.348	95	56693	15.70	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	31.40%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.815	85	62286	17.71	ug/l	100
3) Chloromethane	2.017	50	77822	18.44	ug/l	97
4) Vinyl Chloride	2.143	62	87321	20.87	ug/l	100
5) Bromomethane	2.507	94	60771	21.45	ug/l	97
6) Chloroethane	2.647	64	56199	21.23	ug/l	97
7) Trichlorofluoromethane	2.955	101	119739	20.95	ug/l	98
8) Diethyl Ether	3.339	74	30251	13.72	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.682	101	50766	16.41	ug/l	98
10) Methyl Iodide	3.870	142	73266	16.70	ug/l	98
11) Tert butyl alcohol	4.677	59	49786	88.60	ug/l #	87
12) 1,1-Dichloroethene	3.658	96	46907	14.90	ug/l	97
13) Acrolein	3.532	56	27657	74.33	ug/l	98
14) Allyl chloride	4.229	41	78585	13.13	ug/l	95
15) Acrylonitrile	4.876	53	145901	90.65	ug/l	99
16) Acetone	3.736	43	128633	66.50	ug/l	97
17) Carbon Disulfide	3.969	76	143164	15.35	ug/l	97
18) Methyl Acetate	4.235	43	64874	12.96	ug/l	95
19) Methyl tert-butyl Ether	4.937	73	162419	16.92	ug/l	99
20) Methylene Chloride	4.457	84	61003	15.86	ug/l	88
21) trans-1,2-Dichloroethene	4.935	96	53363	18.00	ug/l	98
22) Diisopropyl ether	5.849	45	172363	17.15	ug/l #	85
23) Vinyl Acetate	5.793	43	749642	87.50	ug/l	98
24) 1,1-Dichloroethane	5.745	63	104617	18.82	ug/l	99
25) 2-Butanone	6.737	43	199068	89.40	ug/l	96
26) 2,2-Dichloropropane	6.726	77	88828	18.05	ug/l	99
27) cis-1,2-Dichloroethene	6.729	96	61472	17.80	ug/l	97
28) Bromochloromethane	7.102	49	50020	18.04	ug/l	97
29) Tetrahydrofuran	7.123	42	133738	91.69	ug/l	99
30) Chloroform	7.284	83	105549	18.94	ug/l	96
31) Cyclohexane	7.568	56	86206	16.65	ug/l	99
32) 1,1,1-Trichloroethane	7.488	97	93693	19.18	ug/l	98
36) 1,1-Dichloropropene	7.713	75	73049	18.47	ug/l	99
37) Ethyl Acetate	6.836	43	78099	17.85	ug/l #	85
38) Carbon Tetrachloride	7.692	117	79912	20.00	ug/l	95
39) Methylcyclohexane	9.011	83	81537	17.08	ug/l	98
40) Benzene	7.963	78	235355	19.56	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.075	41	38771m	18.32	ug/l	
42) 1,2-Dichloroethane	8.048	62	82726	19.35	ug/l	99
43) Isopropyl Acetate	8.086	43	135740	18.27	ug/l	99
44) Trichloroethene	8.767	130	60248	19.08	ug/l	96
45) 1,2-Dichloropropane	9.049	63	62405	19.48	ug/l	99
46) Dibromomethane	9.143	93	42359	20.22	ug/l	98
47) Bromodichloromethane	9.336	83	84061	19.39	ug/l	96
48) Methyl methacrylate	9.132	41	57249	16.33	ug/l	96
49) 1,4-Dioxane	9.132	88	16179	361.50	ug/l	99
51) 4-Methyl-2-Pentanone	9.920	43	416816	95.29	ug/l	100
52) Toluene	10.092	92	143410	19.38	ug/l	100
53) t-1,3-Dichloropropene	10.323	75	82347	17.59	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	93068	18.53	ug/l	95
55) 1,1,2-Trichloroethane	10.502	97	60286	20.25	ug/l	99
56) Ethyl methacrylate	10.368	69	74347	16.55	ug/l	92
57) 1,3-Dichloropropane	10.647	76	95361	19.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	44645	101.99	ug/l	96
59) 2-Hexanone	10.693	43	265345	86.93	ug/l	99
60) Dibromochloromethane	10.840	129	66741	20.18	ug/l	96
61) 1,2-Dibromoethane	10.945	107	60297	19.45	ug/l	98
64) Tetrachloroethene	10.572	164	63876	19.06	ug/l	95
65) Chlorobenzene	11.374	112	149578	18.92	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	58749	19.36	ug/l	98
67) Ethyl Benzene	11.454	91	250712	17.53	ug/l	99
68) m/p-Xylenes	11.564	106	188406	34.63	ug/l	99
69) o-Xylene	11.892	106	89512	17.11	ug/l	100
70) Styrene	11.908	104	140967	16.67	ug/l	98
71) Bromoform	12.074	173	46645	18.58	ug/l #	98
73) Isopropylbenzene	12.195	105	238942	17.80	ug/l	100
74) N-amyl acetate	12.031	43	26293	6.01	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.447	83	83535	19.36	ug/l	97
76) 1,2,3-Trichloropropane	12.498	75	73877m	18.48	ug/l	
77) Bromobenzene	12.468	156	63571	18.74	ug/l	93
78) n-propylbenzene	12.535	91	257790	17.61	ug/l	98
79) 2-Chlorotoluene	12.618	91	161477	17.97	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	194010	17.66	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.251	75	19405	14.83	ug/l	96
82) 4-Chlorotoluene	12.720	91	156821	17.59	ug/l	100
83) tert-Butylbenzene	12.938	119	164068	17.37	ug/l	98
84) 1,2,4-Trimethylbenzene	12.986	105	181659	17.05	ug/l	100
85) sec-Butylbenzene	13.115	105	212539	17.41	ug/l	99
86) p-Isopropyltoluene	13.235	119	179266	16.47	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	105219	18.57	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	106134	18.06	ug/l	98
89) n-Butylbenzene	13.560	91	137039	15.32	ug/l	97
90) Hexachloroethane	13.817	117	37663	18.97	ug/l	99
91) 1,2-Dichlorobenzene	13.597	146	104560	18.72	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.236	75	14777	18.01	ug/l	94
93) 1,2,4-Trichlorobenzene	14.984	180	56395	16.48	ug/l	98
94) Hexachlorobutadiene	15.107	225	35849	19.04	ug/l	98
95) Naphthalene	15.265	128	143861	13.96	ug/l	100
96) 1,2,3-Trichlorobenzene	15.504	180	56332	16.35	ug/l	99

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

