

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030121\
 Data File : VN066091.D
 Acq On : 1 Mar 2021 21:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 3/2/2021 3:28:20 PM

Quant Time: Mar 01 21:48:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.627	168	88813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	151460	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	139892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	66101	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	64049	51.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.14%			
35) Dibromofluoromethane	7.550	113	46458	49.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.12%			
50) Toluene-d8	10.058	98	178011	46.26	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.52%			
62) 4-Bromofluorobenzene	12.373	95	68993	47.76	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.52%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.852	85	54531	46.90	ug/l	97
3) Chloromethane	2.055	50	57477	39.45	ug/l	99
4) Vinyl Chloride	2.184	62	62035	43.22	ug/l	96
5) Bromomethane	2.544	94	40354	45.90	ug/l	92
6) Chloroethane	2.688	64	35420	43.74	ug/l	98
7) Trichlorofluoromethane	3.004	101	99826	55.86	ug/l	99
8) Diethyl Ether	3.389	74	31368	47.83	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.733	101	42849	45.33	ug/l	98
10) Methyl Iodide	3.926	142	68923	46.69	ug/l	93
11) Tert butyl alcohol	4.746	59	49524	286.78	ug/l	100
12) 1,1-Dichloroethene	3.714	96	46526	46.64	ug/l	92
13) Acrolein	3.582	56	38351	242.67	ug/l	97
14) Allyl chloride	4.286	41	76134	44.71	ug/l	95
15) Acrylonitrile	4.942	53	113218	236.43	ug/l	99
16) Acetone	3.788	43	92544	237.12	ug/l	94
17) Carbon Disulfide	4.026	76	126956	44.69	ug/l	98
18) Methyl Acetate	4.290	43	52156	50.82	ug/l	98
19) Methyl tert-butyl Ether	5.007	73	176019	54.85	ug/l	96
20) Methylene Chloride	4.518	84	54080	46.96	ug/l	100
21) trans-1,2-Dichloroethene	5.000	96	49709	47.42	ug/l	90
22) Diisopropyl ether	5.913	45	150914	44.31	ug/l	97
23) Vinyl Acetate	5.852	43	622703	233.07	ug/l	98
24) 1,1-Dichloroethane	5.804	63	95654	48.60	ug/l	98
25) 2-Butanone	6.788	43	139654	227.16	ug/l	100
26) 2,2-Dichloropropane	6.778	77	82865	53.68	ug/l	95
27) cis-1,2-Dichloroethene	6.788	96	59492	49.82	ug/l	95
28) Bromochloromethane	7.154	49	39810	43.89	ug/l	95
29) Tetrahydrofuran	7.167	42	90256	213.24	ug/l	95
30) Chloroform	7.331	83	101502	52.21	ug/l	99
31) Cyclohexane	7.617	56	76510	41.32	ug/l	96
32) 1,1,1-Trichloroethane	7.531	97	95800	58.75	ug/l	98
36) 1,1-Dichloropropene	7.756	75	73611	49.29	ug/l	98
37) Ethyl Acetate	6.884	43	58591	43.44	ug/l #	95
38) Carbon Tetrachloride	7.736	117	83014	59.81	ug/l	98
39) Methylcyclohexane	9.045	83	76470	45.57	ug/l	97
40) Benzene	8.003	78	215037	46.93	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.129	41	30022	45.99	ug/l #	100
42) 1,2-Dichloroethane	8.087	62	88270	58.62	ug/l	96
43) Isopropyl Acetate	8.126	43	108406	50.44	ug/l #	91
44) Trichloroethene	8.801	130	59071	52.13	ug/l	98
45) 1,2-Dichloropropane	9.084	63	54957	46.84	ug/l	99
46) Dibromomethane	9.174	93	37878	52.99	ug/l	94
47) Bromodichloromethane	9.367	83	84279	57.92	ug/l	99
48) Methyl methacrylate	9.164	41	53035	48.70	ug/l	94
49) 1,4-Dioxane	9.164	88	18437	993.63	ug/l	92
51) 4-Methyl-2-Pentanone	9.949	43	300531	229.80	ug/l	99
52) Toluene	10.122	92	141079	50.13	ug/l	95
53) t-1,3-Dichloropropene	10.351	75	94359	52.32	ug/l	97
54) cis-1,3-Dichloropropene	9.804	75	98737	54.72	ug/l	95
55) 1,1,2-Trichloroethane	10.531	97	53171	50.49	ug/l	98
56) Ethyl methacrylate	10.396	69	80851	51.06	ug/l	98
57) 1,3-Dichloropropane	10.675	76	91540	49.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	154492	204.36	ug/l	96
59) 2-Hexanone	10.720	43	211301	226.82	ug/l	100
60) Dibromochloromethane	10.871	129	63855	59.32	ug/l	99
61) 1,2-Dibromoethane	10.974	107	56452	52.77	ug/l	97
64) Tetrachloroethene	10.598	164	57990	53.69	ug/l	95
65) Chlorobenzene	11.402	112	151244	51.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.479	131	59222	58.94	ug/l	98
67) Ethyl Benzene	11.479	91	270439	51.08	ug/l	98
68) m/p-Xylenes	11.592	106	209072	105.82	ug/l	97
69) o-Xylene	11.916	106	101396	53.23	ug/l	95
70) Styrene	11.932	104	165872	52.89	ug/l	95
71) Bromoform	12.100	173	41265	53.68	ug/l #	99
73) Isopropylbenzene	12.219	105	265555	49.22	ug/l	100
74) N-amyl acetate	12.042	43	82857	44.27	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.473	83	71999	45.23	ug/l	98
76) 1,2,3-Trichloropropane	12.524	75	74204m	46.73	ug/l	
77) Bromobenzene	12.495	156	63419	51.37	ug/l	89
78) n-propylbenzene	12.563	91	289490	47.18	ug/l	100
79) 2-Chlorotoluene	12.646	91	182059	47.35	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	231371	50.48	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.270	75	23983	48.13	ug/l	94
82) 4-Chlorotoluene	12.743	91	192025	49.45	ug/l	96
83) tert-Butylbenzene	12.965	119	191048	50.45	ug/l	97
84) 1,2,4-Trimethylbenzene	13.010	105	228957	49.76	ug/l	98
85) sec-Butylbenzene	13.141	105	235974	48.00	ug/l	99
86) p-Isopropyltoluene	13.260	119	222397	49.82	ug/l	97
87) 1,3-Dichlorobenzene	13.254	146	110016	50.35	ug/l	97
88) 1,4-Dichlorobenzene	13.334	146	113091	50.67	ug/l	98
89) n-Butylbenzene	13.585	91	175847	46.73	ug/l	98
90) Hexachloroethane	13.842	117	34119	45.15	ug/l	99
91) 1,2-Dichlorobenzene	13.624	146	109026	49.76	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.241	75	17801	56.63	ug/l	81
93) 1,2,4-Trichlorobenzene	14.878	180	60110	50.80	ug/l	99
94) Hexachlorobutadiene	14.977	225	25256	49.67	ug/l	99
95) Naphthalene	15.100	128	191254	49.89	ug/l	99
96) 1,2,3-Trichlorobenzene	15.280	180	60605	51.28	ug/l	96

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

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