

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100721\
 Data File : VN068846.D
 Acq On : 7 Oct 2021 17:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 10/8/2021 6:03:23 PM

Quant Time: Oct 08 06:00:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	456238	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	809191	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	789037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	357184	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	310591	46.32	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.64%		
35) Dibromofluoromethane	8.021	113	238565	44.88	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.76%		
50) Toluene-d8	10.443	98	962088	46.41	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.82%		
62) 4-Bromofluorobenzene	12.733	95	327312	42.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	162385	42.96	ug/l	99
3) Chloromethane	2.301	50	174434	47.14	ug/l	99
4) Vinyl Chloride	2.443	62	361825	49.67	ug/l	97
5) Bromomethane	2.834	94	312027	43.17	ug/l	99
6) Chloroethane	3.006	64	301498	48.96	ug/l	93
7) Trichlorofluoromethane	3.368	101	302593	45.83	ug/l	100
8) Diethyl Ether	3.827	74	103288	43.09	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.213	101	169883	41.81	ug/l	94
10) Methyl Iodide	4.427	142	199927	41.71	ug/l	95
11) Tert butyl alcohol	5.366	59	189697	238.01	ug/l	100
12) 1,1-Dichloroethene	4.186	96	146999	44.77	ug/l	83
13) Acrolein	4.044	56	78551	181.62	ug/l	97
14) Allyl chloride	4.843	41	243245	41.43	ug/l	89
15) Acrylonitrile	5.554	53	479664	229.91	ug/l	99
16) Acetone	4.285	43	400853	215.33	ug/l	94
17) Carbon Disulfide	4.535	76	286364	42.83	ug/l	98
18) Methyl Acetate	4.854	43	304643	45.96	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	652124	43.36	ug/l	99
20) Methylene Chloride	5.098	84	192998	44.28	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	167055	44.06	ug/l	86
22) Diisopropyl ether	6.498	45	632062	44.36	ug/l #	94
23) Vinyl Acetate	6.433	43	2479325	222.82	ug/l	95
24) 1,1-Dichloroethane	6.388	63	352827	42.70	ug/l	99
25) 2-Butanone	7.335	43	687584	224.65	ug/l	94
26) 2,2-Dichloropropane	7.329	77	312502	39.50	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	227656	42.58	ug/l	85
28) Bromochloromethane	7.659	49	194226	43.25	ug/l #	77
29) Tetrahydrofuran	7.683	42	448783	239.99	ug/l	89
30) Chloroform	7.820	83	432636	44.15	ug/l	99
31) Cyclohexane	8.096	56	267314	43.93	ug/l	87
32) 1,1,1-Trichloroethane	8.019	97	384480	44.09	ug/l	98
36) 1,1-Dichloropropene	8.222	75	270295	42.26	ug/l	95
37) Ethyl Acetate	7.412	43	285409	46.73	ug/l	97
38) Carbon Tetrachloride	8.206	117	330564	42.91	ug/l	99
39) Methylcyclohexane	9.461	83	293139	40.92	ug/l	90
40) Benzene	8.461	78	852859	42.68	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	133043	43.55	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	345463	43.52	ug/l	97
43) Isopropyl Acetate	8.560	43	524547	47.25	ug/l	98
44) Trichloroethene	9.217	130	219442	42.41	ug/l	86
45) 1,2-Dichloropropane	9.491	63	222142	42.88	ug/l	97
46) Dibromomethane	9.579	93	176357	43.79	ug/l	95
47) Bromodichloromethane	9.764	83	359138	44.38	ug/l	98
48) Methyl methacrylate	9.561	41	217880	45.94	ug/l #	81
49) 1,4-Dioxane	9.569	88	96737	937.33	ug/l	87
51) 4-Methyl-2-Pentanone	10.333	43	1680761	237.78	ug/l	98
52) Toluene	10.507	92	585484	43.56	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	368864	44.60	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	370313	43.53	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	254778	45.44	ug/l	97
56) Ethyl methacrylate	10.762	69	373010	47.36	ug/l	92
57) 1,3-Dichloropropane	11.046	76	408793	45.45	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	579947	268.90	ug/l	91
59) 2-Hexanone	11.087	43	1212379	237.82	ug/l	96
60) Dibromochloromethane	11.240	129	287406	45.71	ug/l	99
61) 1,2-Dibromoethane	11.347	107	258024	45.26	ug/l	100
64) Tetrachloroethene	10.979	164	199084	42.19	ug/l	95
65) Chlorobenzene	11.771	112	661920	43.19	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	272953	45.45	ug/l	98
67) Ethyl Benzene	11.846	91	1205206	43.90	ug/l	98
68) m/p-Xylenes	11.956	106	910239	87.20	ug/l	87
69) o-Xylene	12.283	106	454389	43.71	ug/l	89
70) Styrene	12.296	104	774324	44.73	ug/l	93
71) Bromoform	12.460	173	205214	46.52	ug/l #	100
73) Isopropylbenzene	12.581	105	1229697	43.58	ug/l	98
74) N-amyl acetate	12.387	43	436607	45.73	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	385032	45.29	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	311231m	44.20	ug/l	
77) Bromobenzene	12.862	156	283745	44.16	ug/l	73
78) n-propylbenzene	12.921	91	1414661	44.08	ug/l	97
79) 2-Chlorotoluene	13.010	91	832041	43.53	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1020528	43.71	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.626	75	111170	45.74	ug/l	97
82) 4-Chlorotoluene	13.106	91	812204	42.82	ug/l	91
83) tert-Butylbenzene	13.326	119	911412	44.20	ug/l	90
84) 1,2,4-Trimethylbenzene	13.369	105	1003101	43.79	ug/l	94
85) sec-Butylbenzene	13.503	105	1295388	44.13	ug/l	97
86) p-Isopropyltoluene	13.618	119	1039411	43.75	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	511630	42.43	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	492773	41.41	ug/l	95
89) n-Butylbenzene	13.943	91	869354	43.37	ug/l	98
90) Hexachloroethane	14.211	117	208298	45.35	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	499264	43.02	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	69635	47.95	ug/l	73
93) 1,2,4-Trichlorobenzene	15.265	180	222503	41.88	ug/l	98
94) Hexachlorobutadiene	15.372	225	121787	42.92	ug/l	99
95) Naphthalene	15.509	128	611847	43.16	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	220947	45.55	ug/l	97

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

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