

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068159.D
 Acq On : 17 Aug 2021 22:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:54:26 PM

Quant Time: Aug 18 07:22:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	544804	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	823271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	823127	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	431592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	301770	51.877	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.760%			
35) Dibromofluoromethane	8.021	113	275779	53.355	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.720%			
50) Toluene-d8	10.443	98	1101366	55.922	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.840%			
62) 4-Bromofluorobenzene	12.734	95	390611	59.578	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 119.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	220502	51.079	ug/l	99
3) Chloromethane	2.301	50	240867	49.387	ug/l	97
4) Vinyl Chloride	2.440	62	396193	51.843	ug/l	96
5) Bromomethane	2.832	94	349561	58.492	ug/l	98
6) Chloroethane	3.006	64	293976	65.186	ug/l	97
7) Trichlorofluoromethane	3.365	101	772004	51.386	ug/l	98
8) Diethyl Ether	3.813	74	173053	49.659	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.197	101	241278	52.526	ug/l #	84
10) Methyl Iodide	4.414	142	361270	55.311	ug/l #	88
11) Tert butyl alcohol	5.385	59	197453	272.191	ug/l	100
12) 1,1-Dichloroethene	4.170	96	229500	51.963	ug/l #	76
13) Acrolein	4.039	56	134860	283.783	ug/l	99
14) Allyl chloride	4.833	41	294508	52.167	ug/l #	93
15) Acrylonitrile	5.554	53	568163	277.995	ug/l	99
16) Acetone	4.291	43	429412	252.834	ug/l #	87
17) Carbon Disulfide	4.519	76	610486	53.469	ug/l	99
18) Methyl Acetate	4.857	43	254393	59.304	ug/l #	85
19) Methyl tert-butyl Ether	5.618	73	790943	55.547	ug/l	96
20) Methylene Chloride	5.090	84	271377	58.102	ug/l #	81
21) trans-1,2-Dichloroethene	5.594	96	260471	52.677	ug/l #	79
22) Diisopropyl ether	6.501	45	701684	56.896	ug/l #	92
23) Vinyl Acetate	6.434	43	2739220m	285.342	ug/l	
24) 1,1-Dichloroethane	6.385	63	432883	52.534	ug/l	95
25) 2-Butanone	7.337	43	720867	272.352	ug/l #	83
26) 2,2-Dichloropropane	7.324	77	346611	49.094	ug/l	89
27) cis-1,2-Dichloroethene	7.324	96	315058	53.214	ug/l	75
28) Bromochloromethane	7.657	49	176022	48.579	ug/l #	46
29) Tetrahydrofuran	7.689	42	482788	285.212	ug/l #	79
30) Chloroform	7.818	83	525526	53.539	ug/l	99
31) Cyclohexane	8.096	56	391388	51.083	ug/l #	85
32) 1,1,1-Trichloroethane	8.016	97	487117	55.647	ug/l	94
36) 1,1-Dichloropropene	8.220	75	382205	56.792	ug/l	92
37) Ethyl Acetate	7.418	43	305180	53.229	ug/l #	95
38) Carbon Tetrachloride	8.206	117	449001	57.845	ug/l	97
39) Methylcyclohexane	9.462	83	434555	57.172	ug/l #	84
40) Benzene	8.461	78	1161695	56.555	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	153885	58.788	ug/l #	85
42) 1,2-Dichloroethane	8.531	62	392118	56.042	ug/l	93
43) Isopropyl Acetate	8.563	43	528018	57.494	ug/l #	89
44) Trichloroethene	9.218	130	345300	55.901	ug/l	76
45) 1,2-Dichloropropane	9.491	63	274556	56.826	ug/l	99
46) Dibromomethane	9.580	93	220622	55.978	ug/l #	77
47) Bromodichloromethane	9.762	83	423933	57.882	ug/l #	98
48) Methyl methacrylate	9.561	41	227084	59.335	ug/l #	83
49) 1,4-Dioxane	9.572	88	108889	1177.103	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	1683183	298.359	ug/l	89
52) Toluene	10.508	92	828942	59.197	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	440777	61.273	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	454457	58.308	ug/l #	83
55) 1,1,2-Trichloroethane	10.899	97	325253	58.123	ug/l	93
56) Ethyl methacrylate	10.765	69	444655	61.876	ug/l #	80
57) 1,3-Dichloropropane	11.047	76	492144	57.100	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	372628	242.801	ug/l #	83
59) 2-Hexanone	11.087	43	1190278	303.857	ug/l	86
60) Dibromochloromethane	11.242	129	387268	61.343	ug/l	100
61) 1,2-Dibromoethane	11.350	107	348473	60.045	ug/l	99
64) Tetrachloroethene	10.980	164	365110	57.363	ug/l	87
65) Chlorobenzene	11.773	112	939152	55.725	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	375721	59.101	ug/l	98
67) Ethyl Benzene	11.849	91	1618241	58.211	ug/l	92
68) m/p-Xylenes	11.956	106	1330836	119.672	ug/l	79
69) o-Xylene	12.283	106	649321	60.430	ug/l	80
70) Styrene	12.296	104	1071254	62.286	ug/l #	90
71) Bromoform	12.460	173	326616	64.063	ug/l #	99
73) Isopropylbenzene	12.581	105	1647466	53.672	ug/l	94
74) N-amyl acetate	12.390	43	429492	53.735	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	460022	49.972	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	333230m	46.453	ug/l	
77) Bromobenzene	12.862	156	467428	55.275	ug/l	52
78) n-propylbenzene	12.924	91	1800755	54.690	ug/l	90
79) 2-Chlorotoluene	13.010	91	1082993	53.184	ug/l	81
80) 1,3,5-Trimethylbenzene	13.061	105	1372933	55.289	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	120207	54.899	ug/l	87
82) 4-Chlorotoluene	13.106	91	1068356	54.053	ug/l	83
83) tert-Butylbenzene	13.326	119	1212483	54.987	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	1355012	55.898	ug/l	89
85) sec-Butylbenzene	13.503	105	1597885	55.034	ug/l	92
86) p-Isopropyltoluene	13.619	119	1368845	57.117	ug/l	90
87) 1,3-Dichlorobenzene	13.616	146	820773	56.920	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	803233	54.985	ug/l	91
89) n-Butylbenzene	13.946	91	985785	55.140	ug/l	95
90) Hexachloroethane	14.211	117	244616	55.011	ug/l	65
91) 1,2-Dichlorobenzene	13.991	146	775856	56.512	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	74022	53.087	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.265	180	356454	49.535	ug/l	97
94) Hexachlorobutadiene	15.373	225	205444	55.254	ug/l	100
95) Naphthalene	15.507	128	825829	48.830	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	338212	49.508	ug/l	97

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

