

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
 Data File : VN066879.D
 Acq On : 29 Apr 2021 22:28
 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
 4/30/2021 11:21:06 AM

Quant Time: Apr 30 06:17:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	275946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	409756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	400097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	198892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	149100	42.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.10%		
35) Dibromofluoromethane	7.513	113	135792	53.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.38%		
50) Toluene-d8	10.029	98	519908	52.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.74%		
62) 4-Bromofluorobenzene	12.346	95	184724	54.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.98%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	138627	46.37	ug/l	99
3) Chloromethane	2.034	50	188437	48.00	ug/l	99
4) Vinyl Chloride	2.163	62	190764	49.76	ug/l	99
5) Bromomethane	2.506	94	121094	48.41	ug/l	98
6) Chloroethane	2.654	64	117879	49.39	ug/l	100
7) Trichlorofluoromethane	2.970	101	227247	49.29	ug/l	100
8) Diethyl Ether	3.356	74	89676	47.94	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.694	101	132131	48.44	ug/l	96
10) Methyl Iodide	3.885	142	209610	50.33	ug/l	97
11) Tert butyl alcohol	4.716	59	114464	209.36	ug/l	99
12) 1,1-Dichloroethene	3.673	96	131890	47.75	ug/l	99
13) Acrolein	3.547	56	111402	243.95	ug/l	98
14) Allyl chloride	4.247	41	214500	41.35	ug/l	92
15) Acrylonitrile	4.896	53	367117	253.23	ug/l	98
16) Acetone	3.756	43	268502m	200.74	ug/l	
17) Carbon Disulfide	3.981	76	393308	46.42	ug/l	98
18) Methyl Acetate	4.252	43	158525	44.07	ug/l	97
19) Methyl tert-butyl Ether	4.957	73	434756	45.97	ug/l	97
20) Methylene Chloride	4.469	84	166390	49.09	ug/l	96
21) trans-1,2-Dichloroethene	4.952	96	147729	49.73	ug/l	99
22) Diisopropyl ether	5.867	45	452548	43.73	ug/l	100
23) Vinyl Acetate	5.808	43	1852071	215.06	ug/l	98
24) 1,1-Dichloroethane	5.759	63	270577	47.20	ug/l	99
25) 2-Butanone	6.749	43	423469	225.18	ug/l	100
26) 2,2-Dichloropropane	6.736	77	187572	38.54	ug/l	98
27) cis-1,2-Dichloroethene	6.744	96	168526	49.04	ug/l	96
28) Bromochloromethane	7.114	49	118896	45.20	ug/l	98
29) Tetrahydrofuran	7.130	42	291087	226.55	ug/l	98
30) Chloroform	7.291	83	270736	48.65	ug/l	99
31) Cyclohexane	7.578	56	224564	40.96	ug/l	99
32) 1,1,1-Trichloroethane	7.492	97	226337	47.59	ug/l	98
36) 1,1-Dichloropropene	7.717	75	192705	50.61	ug/l	98
37) Ethyl Acetate	6.848	43	185322	45.83	ug/l	97
38) Carbon Tetrachloride	7.698	117	197319	54.04	ug/l	98
39) Methylcyclohexane	9.015	83	226888	50.36	ug/l	98
40) Benzene	7.969	78	638943	54.06	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	85133	46.29	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	190498	47.71	ug/l	97
43) Isopropyl Acetate	8.095	43	295513	45.99	ug/l	93
44) Trichloroethene	8.771	130	160396	55.79	ug/l	95
45) 1,2-Dichloropropane	9.053	63	169270	53.66	ug/l	100
46) Dibromomethane	9.144	93	107669	55.87	ug/l	95
47) Bromodichloromethane	9.340	83	219275	54.31	ug/l	99
48) Methyl methacrylate	9.139	41	135358	48.30	ug/l	92
49) 1,4-Dioxane	9.136	88	53192	1268.40	ug/l	98
51) 4-Methyl-2-Pentanone	9.922	43	907424	259.85	ug/l	97
52) Toluene	10.093	92	397602	55.93	ug/l	98
53) t-1,3-Dichloropropene	10.324	75	224685	52.00	ug/l	97
54) cis-1,3-Dichloropropene	9.777	75	253613	52.39	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	160292	58.70	ug/l	99
56) Ethyl methacrylate	10.372	69	210465	46.82	ug/l	93
57) 1,3-Dichloropropane	10.646	76	260040	55.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.635	63	208852	231.67	ug/l	99
59) 2-Hexanone	10.694	43	598745	220.38	ug/l	95
60) Dibromochloromethane	10.844	129	181272	60.95	ug/l	100
61) 1,2-Dibromoethane	10.946	107	162517	59.32	ug/l	100
64) Tetrachloroethene	10.571	164	145271	54.91	ug/l	98
65) Chlorobenzene	11.375	112	426815	53.04	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.450	131	167513	55.81	ug/l	99
67) Ethyl Benzene	11.453	91	733548	51.98	ug/l	100
68) m/p-Xylenes	11.566	106	572586	110.59	ug/l	99
69) o-Xylene	11.893	106	276996	53.58	ug/l	97
70) Styrene	11.909	104	454721	48.62	ug/l	99
71) Bromoform	12.073	173	134582	61.93	ug/l #	98
73) Isopropylbenzene	12.193	105	724579	49.70	ug/l	98
74) N-amyl acetate	12.024	43	123295	35.81	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.448	83	246274	51.34	ug/l	100
76) 1,2,3-Trichloropropane	12.499	75	182534m	43.54	ug/l	
77) Bromobenzene	12.470	156	196987	54.77	ug/l	96
78) n-propylbenzene	12.537	91	818778	50.92	ug/l	99
79) 2-Chlorotoluene	12.617	91	503789	49.26	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	622068	50.54	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.247	75	60908	41.95	ug/l	89
82) 4-Chlorotoluene	12.716	91	501796	50.84	ug/l	99
83) tert-Butylbenzene	12.936	119	536092	50.84	ug/l	96
84) 1,2,4-Trimethylbenzene	12.985	105	599426	51.71	ug/l	97
85) sec-Butylbenzene	13.116	105	695842	50.88	ug/l	99
86) p-Isopropyltoluene	13.234	119	611494	52.09	ug/l	98
87) 1,3-Dichlorobenzene	13.229	146	327360	53.53	ug/l	100
88) 1,4-Dichlorobenzene	13.306	146	332894	51.22	ug/l	98
89) n-Butylbenzene	13.561	91	451960	45.18	ug/l	99
90) Hexachloroethane	13.816	117	127515	51.91	ug/l	86
91) 1,2-Dichlorobenzene	13.599	146	329428	53.14	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.218	75	39446	45.86	ug/l	98
93) 1,2,4-Trichlorobenzene	14.854	180	182638	53.20	ug/l	97
94) Hexachlorobutadiene	14.950	225	101109	53.10	ug/l	99
95) Naphthalene	15.074	128	449781	50.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.251	180	180252	54.30	ug/l	98

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

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