

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066828.D
 Acq On : 28 Apr 2021 21:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/29/2021 5:52:18 PM

Quant Time: Apr 29 04:32:39 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	7.588	168	289318	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	449410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	427767	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.287	152	214153	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	160222	43.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 86.20%			
35) Dibromofluoromethane	7.510	113	143599	51.76	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.52%			
50) Toluene-d8	10.029	98	554228	50.90	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.80%			
62) 4-Bromofluorobenzene	12.346	95	203507	55.24	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.835	85	148097	47.25	ug/l	99
3) Chloromethane	2.034	50	203371	49.41	ug/l	99
4) Vinyl Chloride	2.163	62	202437	50.37	ug/l	99
5) Bromomethane	2.503	94	126288	48.15	ug/l	96
6) Chloroethane	2.651	64	117640	47.01	ug/l	100
7) Trichlorofluoromethane	2.967	101	235491	48.72	ug/l	98
8) Diethyl Ether	3.356	74	97933	49.93	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.691	101	138248	48.34	ug/l	97
10) Methyl Iodide	3.882	142	222265	50.90	ug/l	97
11) Tert butyl alcohol	4.710	59	140039	244.30	ug/l	99
12) 1,1-Dichloroethene	3.670	96	141894	49.00	ug/l	100
13) Acrolein	3.546	56	113100	236.23	ug/l	98
14) Allyl chloride	4.244	41	240810	44.27	ug/l	92
15) Acrylonitrile	4.896	53	411302	270.60	ug/l	97
16) Acetone	3.756	43	304881	217.40	ug/l	96
17) Carbon Disulfide	3.981	76	425000	47.84	ug/l	98
18) Methyl Acetate	4.252	43	178156	47.16	ug/l	98
19) Methyl tert-butyl Ether	4.957	73	474708	47.88	ug/l	97
20) Methylene Chloride	4.469	84	176883	49.77	ug/l	98
21) trans-1,2-Dichloroethene	4.952	96	157955	50.71	ug/l	97
22) Diisopropyl ether	5.866	45	500660	46.15	ug/l	99
23) Vinyl Acetate	5.805	43	2085796	231.01	ug/l	100
24) 1,1-Dichloroethane	5.759	63	291241	48.45	ug/l	99
25) 2-Butanone	6.749	43	489189	248.11	ug/l	99
26) 2,2-Dichloropropane	6.733	77	197933	38.79	ug/l	97
27) cis-1,2-Dichloroethene	6.743	96	181784	50.46	ug/l	98
28) Bromochloromethane	7.111	49	124770	45.24	ug/l	98
29) Tetrahydrofuran	7.130	42	333978	247.92	ug/l	98
30) Chloroform	7.291	83	285801	48.98	ug/l	100
31) Cyclohexane	7.577	56	252471	43.92	ug/l	97
32) 1,1,1-Trichloroethane	7.492	97	240148	48.16	ug/l	99
36) 1,1-Dichloropropene	7.717	75	209727	50.23	ug/l	99
37) Ethyl Acetate	6.845	43	214861	48.44	ug/l	98
38) Carbon Tetrachloride	7.698	117	207886	51.91	ug/l	98
39) Methylcyclohexane	9.015	83	249507	50.50	ug/l	96
40) Benzene	7.969	78	686941	52.99	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.087	41	92622	45.92	ug/l #	100
42) 1,2-Dichloroethane	8.052	62	208391	47.59	ug/l	97
43) Isopropyl Acetate	8.095	43	339897	48.23	ug/l	93
44) Trichloroethene	8.771	130	172006	54.55	ug/l	96
45) 1,2-Dichloropropane	9.053	63	181957	52.59	ug/l	99
46) Dibromomethane	9.144	93	114769	54.30	ug/l	97
47) Bromodichloromethane	9.340	83	232006	52.39	ug/l	100
48) Methyl methacrylate	9.138	41	157088	51.11	ug/l	95
49) 1,4-Dioxane	9.138	88	62259	1353.61	ug/l	95
51) 4-Methyl-2-Pentanone	9.922	43	1034877	270.19	ug/l	98
52) Toluene	10.093	92	426008	54.64	ug/l	97
53) t-1,3-Dichloropropene	10.324	75	246856	52.09	ug/l	96
54) cis-1,3-Dichloropropene	9.779	75	277148	52.20	ug/l	95
55) 1,1,2-Trichloroethane	10.504	97	171071	57.12	ug/l	97
56) Ethyl methacrylate	10.372	69	238129	48.20	ug/l	94
57) 1,3-Dichloropropane	10.648	76	280104	54.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.635	63	274231	266.55	ug/l	98
59) 2-Hexanone	10.694	43	706547	235.63	ug/l	96
60) Dibromochloromethane	10.844	129	188082	57.66	ug/l	99
61) 1,2-Dibromoethane	10.946	107	176147	58.62	ug/l	100
64) Tetrachloroethene	10.573	164	150542	53.22	ug/l	97
65) Chlorobenzene	11.375	112	454531	52.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	172908	53.88	ug/l	100
67) Ethyl Benzene	11.456	91	793603	52.59	ug/l	99
68) m/p-Xylenes	11.566	106	619790	111.97	ug/l	98
69) o-Xylene	11.893	106	300806	54.42	ug/l	98
70) Styrene	11.909	104	495806	49.53	ug/l	99
71) Bromoform	12.072	173	143027	61.56	ug/l #	99
73) Isopropylbenzene	12.193	105	789271	50.28	ug/l	99
74) N-amyl acetate	12.022	43	148524	40.06	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.448	83	270102	52.29	ug/l	98
76) 1,2,3-Trichloropropane	12.499	75	204885m	45.39	ug/l	
77) Bromobenzene	12.469	156	211492	54.61	ug/l	99
78) n-propylbenzene	12.536	91	898867	51.92	ug/l	99
79) 2-Chlorotoluene	12.620	91	547806	49.74	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	677074	51.09	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.247	75	72132	45.43	ug/l	90
82) 4-Chlorotoluene	12.719	91	555960	52.31	ug/l	99
83) tert-Butylbenzene	12.939	119	580114	51.10	ug/l	97
84) 1,2,4-Trimethylbenzene	12.984	105	656304	52.58	ug/l	97
85) sec-Butylbenzene	13.116	105	767218	52.10	ug/l	99
86) p-Isopropyltoluene	13.234	119	675542	53.45	ug/l	99
87) 1,3-Dichlorobenzene	13.228	146	358877	54.51	ug/l	99
88) 1,4-Dichlorobenzene	13.309	146	361293	51.62	ug/l	99
89) n-Butylbenzene	13.561	91	520837	48.35	ug/l	100
90) Hexachloroethane	13.816	117	136835	51.73	ug/l	87
91) 1,2-Dichlorobenzene	13.599	146	358154	53.66	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.218	75	43700	47.19	ug/l	96
93) 1,2,4-Trichlorobenzene	14.854	180	203211	54.98	ug/l	98
94) Hexachlorobutadiene	14.950	225	110656	53.98	ug/l	98
95) Naphthalene	15.074	128	508318	53.45	ug/l	99
96) 1,2,3-Trichlorobenzene	15.251	180	194955	54.55	ug/l	98

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

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