

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066830.D
 Acq On : 28 Apr 2021 23:04
 Operator : JC/MD
 Sample : VN0428WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0428WBS02

Manual Integrations
 APPROVED

SAM
 4/29/2021 5:55:37 PM

Quant Time: Apr 29 04:33:05 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	280118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	442901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	412404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	192753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	159121	44.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 88.42%			
35) Dibromofluoromethane	7.513	113	139855	51.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.32%			
50) Toluene-d8	10.032	98	538674	50.20	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.40%			
62) 4-Bromofluorobenzene	12.346	95	180311	49.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.836	85	52152	17.19	ug/l	99
3) Chloromethane	2.034	50	74815	18.77	ug/l	99
4) Vinyl Chloride	2.163	62	73151	18.80	ug/l	98
5) Bromomethane	2.517	94	47475	18.70	ug/l	97
6) Chloroethane	2.659	64	44517	18.37	ug/l	100
7) Trichlorofluoromethane	2.973	101	83682	17.88	ug/l	100
8) Diethyl Ether	3.356	74	35151	18.51	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.694	101	48631	17.56	ug/l	97
10) Methyl Iodide	3.885	142	75012	17.74	ug/l	98
11) Tert butyl alcohol	4.711	59	48273	86.98	ug/l #	86
12) 1,1-Dichloroethene	3.673	96	49447	17.64	ug/l	99
13) Acrolein	3.547	56	38465	82.98	ug/l	97
14) Allyl chloride	4.247	41	83481	15.85	ug/l	93
15) Acrylonitrile	4.898	53	138087	93.83	ug/l	98
16) Acetone	3.756	43	106988	78.79	ug/l	96
17) Carbon Disulfide	3.984	76	152792	17.76	ug/l	98
18) Methyl Acetate	4.255	43	64919	18.44	ug/l	99
19) Methyl tert-butyl Ether	4.957	73	164039	17.09	ug/l	97
20) Methylene Chloride	4.472	84	64567	18.76	ug/l	97
21) trans-1,2-Dichloroethene	4.955	96	56318	18.68	ug/l	99
22) Diisopropyl ether	5.867	45	176777	16.83	ug/l	96
23) Vinyl Acetate	5.808	43	711271	81.36	ug/l	100
24) 1,1-Dichloroethane	5.759	63	104529	17.96	ug/l	99
25) 2-Butanone	6.752	43	164508	86.18	ug/l	99
26) 2,2-Dichloropropane	6.736	77	67463	13.65	ug/l	98
27) cis-1,2-Dichloroethene	6.746	96	64398	18.46	ug/l	96
28) Bromochloromethane	7.111	49	46144	17.28	ug/l	99
29) Tetrahydrofuran	7.132	42	115891	88.85	ug/l	99
30) Chloroform	7.293	83	103356	18.30	ug/l	99
31) Cyclohexane	7.580	56	88790	15.95	ug/l #	96
32) 1,1,1-Trichloroethane	7.492	97	85898	17.79	ug/l	99
36) 1,1-Dichloropropene	7.717	75	73723	17.91	ug/l	99
37) Ethyl Acetate	6.845	43	75660	17.31	ug/l	99
38) Carbon Tetrachloride	7.698	117	74154	18.79	ug/l	99
39) Methylcyclohexane	9.018	83	80850	16.60	ug/l	97
40) Benzene	7.969	78	243993	19.10	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.103	41	33824m	17.01	ug/l	
42) 1,2-Dichloroethane	8.052	62	73577	17.05	ug/l	96
43) Isopropyl Acetate	8.095	43	115305	16.60	ug/l	94
44) Trichloroethene	8.771	130	60618	19.51	ug/l	96
45) 1,2-Dichloropropane	9.053	63	65072	19.08	ug/l	98
46) Dibromomethane	9.144	93	40696	19.54	ug/l	97
47) Bromodichloromethane	9.340	83	81698	18.72	ug/l	99
48) Methyl methacrylate	9.139	41	50568	16.69	ug/l	96
49) 1,4-Dioxane	9.139	88	19144	422.34	ug/l	92
51) 4-Methyl-2-Pentanone	9.922	43	341705	90.53	ug/l	98
52) Toluene	10.093	92	148087	19.27	ug/l	99
53) t-1,3-Dichloropropene	10.324	75	81383	17.42	ug/l	98
54) cis-1,3-Dichloropropene	9.780	75	92905	17.75	ug/l	95
55) 1,1,2-Trichloroethane	10.504	97	60316	20.43	ug/l	97
56) Ethyl methacrylate	10.375	69	74103	17.39	ug/l	94
57) 1,3-Dichloropropane	10.649	76	96663	19.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.635	63	74103	91.17	ug/l	98
59) 2-Hexanone	10.694	43	210533	84.88	ug/l	97
60) Dibromochloromethane	10.844	129	65902	20.50	ug/l	100
61) 1,2-Dibromoethane	10.949	107	60432	20.41	ug/l	100
64) Tetrachloroethene	10.573	164	53613	19.66	ug/l	97
65) Chlorobenzene	11.375	112	157459	18.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.453	131	59777	19.32	ug/l	97
67) Ethyl Benzene	11.456	91	261178	17.95	ug/l	99
68) m/p-Xylenes	11.566	106	203477	38.13	ug/l	98
69) o-Xylene	11.893	106	97572	18.31	ug/l	98
70) Styrene	11.912	104	151808	17.81	ug/l	100
71) Bromoform	12.075	173	46919	20.95	ug/l #	99
73) Isopropylbenzene	12.196	105	253156	17.92	ug/l	99
74) N-amyl acetate	12.043	43	9440	2.83	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.451	83	90722	19.51	ug/l	99
76) 1,2,3-Trichloropropane	12.499	75	64161m	15.79	ug/l	
77) Bromobenzene	12.472	156	69014	19.80	ug/l	96
78) n-propylbenzene	12.537	91	277810	17.83	ug/l	99
79) 2-Chlorotoluene	12.620	91	179765	18.14	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	215001	18.02	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.252	75	15946	16.57	ug/l	98
82) 4-Chlorotoluene	12.719	91	170987	17.88	ug/l	98
83) tert-Butylbenzene	12.939	119	185524	18.16	ug/l	97
84) 1,2,4-Trimethylbenzene	12.987	105	201852	17.97	ug/l	97
85) sec-Butylbenzene	13.116	105	232415	17.54	ug/l	98
86) p-Isopropyltoluene	13.237	119	200263	17.60	ug/l	99
87) 1,3-Dichlorobenzene	13.229	146	111441	18.80	ug/l	99
88) 1,4-Dichlorobenzene	13.312	146	116414	18.48	ug/l	96
89) n-Butylbenzene	13.564	91	139312	14.37	ug/l	98
90) Hexachloroethane	13.816	117	44461	18.68	ug/l	88
91) 1,2-Dichlorobenzene	13.601	146	113096	18.83	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.226	75	12748	15.29	ug/l	95
93) 1,2,4-Trichlorobenzene	14.857	180	61967	18.63	ug/l	98
94) Hexachlorobutadiene	14.950	225	36151	19.59	ug/l	97
95) Naphthalene	15.076	128	148903	17.39	ug/l	99
96) 1,2,3-Trichlorobenzene	15.253	180	60990	18.96	ug/l	97

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

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