Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042921\
Data File : VN066882.D
Acq On : 30 Apr 2021 00:04
Operator : JC/MD
Sample : IBLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 30 06:18:17 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

Instrument :
MSVOA_N
ClientSampleId :
IBLK

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.591	168	265968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	416213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	382939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	176705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.956	65	148321	43.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 86.80%			
35) Dibromofluoromethane	7.513	113	136699	53.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.42%			
50) Toluene-d8	10.029	98	509007	50.47	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.94%			
62) 4-Bromofluorobenzene	12.349	95	165155	48.40	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.835	85	49235	17.09	ug/l	100
3) Chloromethane	2.034	50	71583	18.92	ug/l	99
4) Vinyl Chloride	2.163	62	70716	19.14	ug/l	99
5) Bromomethane	2.514	94	45875	19.03	ug/l	98
6) Chloroethane	2.659	64	42930	18.66	ug/l	98
7) Trichlorofluoromethane	2.973	101	81922	18.44	ug/l	98
8) Diethyl Ether	3.356	74	32531	18.04	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.697	101	47606	18.11	ug/l	95
10) Methyl Iodide	3.887	142	74634	18.59	ug/l	98
11) Tert butyl alcohol	4.708	59	44104	83.70	ug/l #	87
12) 1,1-Dichloroethene	3.675	96	47275	17.76	ug/l	95
13) Acrolein	3.549	56	44258	100.55	ug/l	98
14) Allyl chloride	4.249	41	77845	15.57	ug/l	91
15) Acrylonitrile	4.896	53	130970	93.73	ug/l	98
16) Acetone	3.756	43	98914	76.72	ug/l	97
17) Carbon Disulfide	3.984	76	144694	17.72	ug/l	98
18) Methyl Acetate	4.257	43	60444	18.11	ug/l	99
19) Methyl tert-butyl Ether	4.960	73	151744	16.65	ug/l	96
20) Methylene Chloride	4.472	84	62593	19.16	ug/l	96
21) trans-1,2-Dichloroethene	4.955	96	54056	18.88	ug/l	99
22) Diisopropyl ether	5.866	45	164013	16.44	ug/l	93
23) Vinyl Acetate	5.807	43	647324	77.99	ug/l	99
24) 1,1-Dichloroethane	5.759	63	99636	18.03	ug/l	99
25) 2-Butanone	6.751	43	149201	82.32	ug/l	97
26) 2,2-Dichloropropane	6.733	77	63016	13.43	ug/l	97
27) cis-1,2-Dichloroethene	6.741	96	60561	18.29	ug/l	96
28) Bromochloromethane	7.113	49	44425	17.52	ug/l	98
29) Tetrahydrofuran	7.132	42	105328	85.05	ug/l	98
30) Chloroform	7.293	83	99139	18.48	ug/l	99
31) Cyclohexane	7.580	56	82700	15.65	ug/l	94
32) 1,1,1-Trichloroethane	7.494	97	83865	18.29	ug/l	99
36) 1,1-Dichloropropene	7.717	75	67498	17.45	ug/l	98
37) Ethyl Acetate	6.845	43	68362	16.64	ug/l	99
38) Carbon Tetrachloride	7.698	117	73703	19.87	ug/l	100
39) Methylcyclohexane	9.018	83	75111	16.41	ug/l	94
40) Benzene	7.969	78	233561	19.46	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.089	41	27153	14.53	ug/l	#	100
42) 1,2-Dichloroethane	8.052	62	71129	17.54	ug/l		98
43) Isopropyl Acetate	8.095	43	107861	16.53	ug/l		98
44) Trichloroethene	8.771	130	58105	19.90	ug/l		94
45) 1,2-Dichloropropane	9.055	63	62111	19.38	ug/l		100
46) Dibromomethane	9.144	93	39356	20.11	ug/l		95
47) Bromodichloromethane	9.340	83	80331	19.59	ug/l		99
48) Methyl methacrylate	9.138	41	45446	15.96	ug/l		94
49) 1,4-Dioxane	9.138	88	18658	438.01	ug/l		96
51) 4-Methyl-2-Pentanone	9.924	43	315127	88.84	ug/l		97
52) Toluene	10.096	92	142349	19.71	ug/l		97
53) t-1,3-Dichloropropene	10.324	75	77191	17.59	ug/l		98
54) cis-1,3-Dichloropropene	9.779	75	87419	17.78	ug/l		95
55) 1,1,2-Trichloroethane	10.504	97	59002	21.27	ug/l		99
56) Ethyl methacrylate	10.372	69	67527	16.96	ug/l	#	93
57) 1,3-Dichloropropane	10.648	76	92820	19.56	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.635	63	63648	84.19	ug/l		100
59) 2-Hexanone	10.697	43	185915	80.94	ug/l		96
60) Dibromochloromethane	10.844	129	64076	21.21	ug/l		100
61) 1,2-Dibromoethane	10.949	107	57640	20.71	ug/l		99
64) Tetrachloroethene	10.573	164	54258	21.43	ug/l		98
65) Chlorobenzene	11.378	112	151443	19.66	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.453	131	60145	20.93	ug/l		98
67) Ethyl Benzene	11.456	91	243206	18.00	ug/l		99
68) m/p-Xylenes	11.566	106	187828	37.90	ug/l		99
69) o-Xylene	11.893	106	90515	18.29	ug/l		98
70) Styrene	11.914	104	144061	18.13	ug/l		98
71) Bromoform	12.075	173	44752	21.51	ug/l	#	99
73) Isopropylbenzene	12.196	105	234566	18.11	ug/l		99
74) N-amyl acetate	12.064	43	9808m	3.21	ug/l		
75) 1,1,2,2-Tetrachloroethane	12.451	83	84946	19.93	ug/l		99
76) 1,2,3-Trichloropropane	12.502	75	56100m	15.06	ug/l		
77) Bromobenzene	12.472	156	64547	20.20	ug/l		96
78) n-propylbenzene	12.536	91	256420	17.95	ug/l		99
79) 2-Chlorotoluene	12.620	91	168693	18.56	ug/l		98
80) 1,3,5-Trimethylbenzene	12.679	105	197819	18.09	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.255	75	13896	16.10	ug/l		90
82) 4-Chlorotoluene	12.721	91	162594	18.54	ug/l		99
83) tert-Butylbenzene	12.939	119	169444	18.09	ug/l		97
84) 1,2,4-Trimethylbenzene	12.987	105	187217	18.18	ug/l		97
85) sec-Butylbenzene	13.118	105	214529	17.66	ug/l		98
86) p-Isopropyltoluene	13.236	119	180762	17.33	ug/l		99
87) 1,3-Dichlorobenzene	13.231	146	104586	19.25	ug/l		99
88) 1,4-Dichlorobenzene	13.309	146	103715	17.96	ug/l		99
89) n-Butylbenzene	13.566	91	131089	14.75	ug/l		99
90) Hexachloroethane	13.816	117	42087	19.28	ug/l		87
91) 1,2-Dichlorobenzene	13.601	146	109681	19.92	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.229	75	13458	17.61	ug/l		96
93) 1,2,4-Trichlorobenzene	14.859	180	59165	19.40	ug/l		98
94) Hexachlorobutadiene	14.950	225	33788	19.97	ug/l		98
95) Naphthalene	15.076	128	155597	19.83	ug/l		99
96) 1,2,3-Trichlorobenzene	15.256	180	60808	20.62	ug/l		97

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

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