Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
Data File : BF120624.D
Acq On : 15 Jun 2020 17:17
Operator : JU/CG
Sample : L2182-08
Misc : LOQ-WTR-10PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT2-2020

Manual Integrations APPROVED
mohammad
6/16/2020 11:06:43 AM

Quant Time: Jun 15 17:52:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 15 17:10:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	159494	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	581983	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	303947	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	584528	20.00	ng		0.00
76) Chrysene-d12	13.95	240	467951	20.00	ng		-0.01
86) Perylene-d12	15.39	264	527823	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1272396	136.77	ng		0.00
7) Phenol-d6	6.43	99	1599385	138.04	ng		0.00
23) Nitrobenzene-d5	7.36	82	1016855	97.66	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	496564	140.52	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1852235	93.24	ng		0.00
79) Terphenyl-d14	12.90	244	2083406	98.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	42803	9.708	ng		97
3) Pyridine	3.26	79	84991	6.857	ng		99
4) n-Nitrosodimethylamine	3.15	42	43254	8.409	ng		94
6) Aniline	6.46	93	147596	9.954	ng		99
8) 2-Chlorophenol	6.58	128	101936	9.697	ng		99
9) Benzaldehyde	6.35	77	84403	11.517	ng		99
10) Phenol	6.45	94	124193	10.046	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	97174	9.437	ng		98
12) 1,3-Dichlorobenzene	6.74	146	110406	9.879	ng		100
13) 1,4-Dichlorobenzene	6.82	146	111740	10.134	ng		99
14) 1,2-Dichlorobenzene	6.97	146	104077	9.689	ng		98
15) Benzyl Alcohol	6.93	79	89566	10.900	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	142961	9.642	ng		99
17) 2-Methylphenol	7.05	107	79417	8.857	ng		99
18) Hexachloroethane	7.31	117	40681	10.012	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	70039	10.421	ng		99
20) 3+4-Methylphenols	7.20	107	102925	9.186	ng	#	83
22) Acetophenone	7.20	105	144860	11.133	ng		96
24) Nitrobenzene	7.37	77	106749	9.797	ng		94
25) Isophorone	7.61	82	188877	9.313	ng		94
26) 2-Nitrophenol	7.69	139	50086	8.689	ng		96
27) 2,4-Dimethylphenol	7.73	122	70353	8.289	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	120570	10.255	ng		99
29) 2,4-Dichlorophenol	7.93	162	81643	9.464	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	93629	9.793	ng		99
31) Naphthalene	8.10	128	304462	10.654	ng		100
32) Benzoic acid	7.80	122	34857m	5.353	ng		
33) 4-Chloroaniline	8.15	127	125257	9.549	ng		99
34) Hexachlorobutadiene	8.22	225	55412	9.943	ng		98
35) Caprolactam	8.48	113	26723	9.685	ng	#	83
36) 4-Chloro-3-methylphenol	8.62	107	84076	9.755	ng		95
37) 2-Methylnaphthalene	8.79	142	203086	10.886	ng		99
38) 1-Methylnaphthalene	8.89	142	193038	10.997	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	97788	10.775	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	36803	7.237	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	58134	9.030	ng		98
44) 2,4,5-Trichlorophenol	9.10	196	61668	8.443	ng		97
46) 1,1'-Biphenyl	9.25	154	261878	11.539	ng		97
47) 2-Chloronaphthalene	9.28	162	190491	10.264	ng		97
48) 2-Nitroaniline	9.37	65	51986	8.919	ng		95
49) Acenaphthylene	9.69	152	305326	10.660	ng		98
50) Dimethylphthalate	9.55	163	212871	9.724	ng		99
51) 2,6-Dinitrotoluene	9.61	165	44939	9.059	ng		99
52) Acenaphthene	9.86	154	176839	10.352	ng		99
53) 3-Nitroaniline	9.77	138	50246	8.433	ng		95
54) 2,4-Dinitrophenol	9.89	184	13860	5.212	ng		93
55) Dibenzofuran	10.03	168	279596	10.674	ng		99
56) 4-Nitrophenol	9.94	139	34938	7.785	ng		94
57) 2,4-Dinitrotoluene	10.01	165	59412	9.025	ng	#	85
58) Fluorene	10.37	166	212896	10.543	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	51501	8.963	ng		98
60) Diethylphthalate	10.25	149	213858	9.919	ng		98
61) 4-Chlorophenyl-phenylether	10.37	204	106840	10.246	ng		96
62) 4-Nitroaniline	10.39	138	50554	8.546	ng		95
63) Azobenzene	10.53	77	205855	10.519	ng		96
65) 4,6-Dinitro-2-methylphenol	10.42	198	23763	6.775	ng		98
66) n-Nitrosodiphenylamine	10.49	169	187591	10.451	ng		98
67) 4-Bromophenyl-phenylether	10.86	248	64272	9.688	ng		94
68) Hexachlorobenzene	10.92	284	72149	10.116	ng		98
69) Atrazine	11.01	200	60629	10.915	ng		97
70) Pentachlorophenol	11.12	266	27581	6.955	ng		98
71) Phenanthrene	11.34	178	317141	10.915	ng		98
72) Anthracene	11.39	178	317698	10.847	ng		99
73) Carbazole	11.55	167	288170	9.939	ng		98
74) Di-n-butylphthalate	11.87	149	343023	10.524	ng		99
75) Fluoranthene	12.52	202	344358	10.366	ng		98
77) Benzidine	12.65	184	177724	11.230	ng	#	93
78) Pyrene	12.75	202	354283	10.687	ng		99
80) Butylbenzylphthalate	13.37	149	139075	9.448	ng		95
81) Benzo(a)anthracene	13.94	228	314362	11.182	ng		98
82) 3,3'-Dichlorobenzidine	13.90	252	125484	11.685	ng		98
83) Chrysene	13.97	228	315301	10.933	ng		98
84) Bis(2-ethylhexyl)phthalate	13.93	149	200075	11.137	ng		99
85) Di-n-octyl phthalate	14.54	149	337225	9.836	ng		100
87) Indeno(1,2,3-cd)pyrene	16.79	276	343251	10.691	ng		99
88) Benzo(b)fluoranthene	14.97	252	321836	10.236	ng		99
89) Benzo(k)fluoranthene	15.00	252	289801	10.417	ng		99
90) Benzo(a)pyrene	15.32	252	274397	9.752	ng		100
91) Dibenzo(a,h)anthracene	16.81	278	291892	11.337	ng		99
92) Benzo(g,h,i)perylene	17.22	276	289875	11.170	ng		98

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

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