Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081720\
Data File : BF121304.D
Acq On : 17 Aug 2020 12:11
Operator : JU/CG
Sample : L3653-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BW-STOCKMSD

Manual Integrations APPROVED
mohammad
8/18/2020 1:49:58 PM

Quant Time: Aug 17 13:44:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 10:52:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	79786	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	315654	20.00	ng		0.00
39) Acenaphthene-d10	9.74	164	169254	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	342729	20.00	ng		0.00
76) Chrysene-d12	13.86	240	310194	20.00	ng		0.00
86) Perylene-d12	15.27	264	352882	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	436878	83.01	ng		0.00
7) Phenol-d6	6.35	99	527591	77.80	ng		0.00
23) Nitrobenzene-d5	7.27	82	341612	59.15	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	173710	83.36	ng		0.00
45) 2-Fluorobiphenyl	9.07	172	675333	55.19	ng		0.00
79) Terphenyl-d14	12.80	244	797418	50.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	87830	39.217	ng		99
3) Pyridine	3.00	79	215253	36.922	ng		98
4) n-Nitrosodimethylamine	2.95	42	107331	44.952	ng		98
6) Aniline	6.36	93	240346	29.896	ng	#	62
8) 2-Chlorophenol	6.49	128	246046	42.518	ng		97
9) Benzaldehyde	6.25	77	147700	42.262	ng		92
10) Phenol	6.36	94	306583	41.674	ng		83
11) bis(2-Chloroethyl)ether	6.44	93	230299	43.369	ng		99
12) 1,3-Dichlorobenzene	6.65	146	250142	40.909	ng		98
13) 1,4-Dichlorobenzene	6.72	146	254262	41.141	ng		100
14) 1,2-Dichlorobenzene	6.87	146	243031	41.666	ng		99
15) Benzyl Alcohol	6.85	79	195706	43.080	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	325392	42.554	ng		100
17) 2-Methylphenol	6.97	107	194575	42.566	ng		98
18) Hexachloroethane	7.22	117	93842	42.938	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	155240	41.199	ng		99
20) 3+4-Methylphenols	7.12	107	242223	41.766	ng	#	80
22) Acetophenone	7.12	105	320072	39.369	ng	#	96
24) Nitrobenzene	7.29	77	249650	39.836	ng		97
25) Isophorone	7.53	82	456441	39.362	ng		100
26) 2-Nitrophenol	7.61	139	131118	43.181	ng		97
27) 2,4-Dimethylphenol	7.65	122	207819	42.716	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	293273	45.217	ng		99
29) 2,4-Dichlorophenol	7.85	162	203528	40.909	ng		96
30) 1,2,4-Trichlorobenzene	7.93	180	217528	39.615	ng		98
31) Naphthalene	8.01	128	693420	39.047	ng		99
32) Benzoic acid	7.78	122	119275	44.777	ng		100
33) 4-Chloroaniline	8.06	127	169240	23.352	ng		99
34) Hexachlorobutadiene	8.13	225	126340	38.028	ng		99
35) Caprolactam	8.43	113	68949m	46.011	ng		
36) 4-Chloro-3-methylphenol	8.56	107	214692	42.296	ng		94
37) 2-Methylnaphthalene	8.70	142	471832	40.376	ng		99
38) 1-Methylnaphthalene	8.80	142	441935	39.941	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	221857	39.120	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	164862	71.846 ng	99
43) 2,4,6-Trichlorophenol	8.99	196	152215	42.203 ng	98
44) 2,4,5-Trichlorophenol	9.03	196	162680	41.526 ng	97
46) 1,1'-Biphenyl	9.17	154	578985	39.590 ng	99
47) 2-Chloronaphthalene	9.19	162	437222	38.838 ng	99
48) 2-Nitroaniline	9.29	65	139210	43.993 ng	98
49) Acenaphthylene	9.60	152	711716	39.804 ng	100
50) Dimethylphthalate	9.47	163	617385	48.475 ng	100
51) 2,6-Dinitrotoluene	9.53	165	119116	41.956 ng	95
52) Acenaphthene	9.77	154	410027	38.731 ng	97
53) 3-Nitroaniline	9.70	138	90010	27.767 ng	93
54) 2,4-Dinitrophenol	9.82	184	120819	76.382 ng	98
55) Dibenzofuran	9.95	168	638008	37.844 ng	98
56) 4-Nitrophenol	9.87	139	203581	97.316 ng	94
57) 2,4-Dinitrotoluene	9.94	165	156635	42.040 ng	97
58) Fluorene	10.29	166	485281	38.027 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	139343	44.987 ng	99
60) Diethylphthalate	10.17	149	543821	41.990 ng	100
61) 4-Chlorophenyl-phenylether	10.28	204	240099	38.684 ng	93
62) 4-Nitroaniline	10.32	138	133350	41.030 ng	99
63) Azobenzene	10.45	77	512908	39.635 ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	89644	42.933 ng	96
66) n-Nitrosodiphenylamine	10.40	169	461813	39.297 ng	99
67) 4-Bromophenyl-phenylether	10.77	248	160960	40.262 ng	97
68) Hexachlorobenzene	10.84	284	182581	40.050 ng	97
69) Atrazine	10.93	200	130662	37.172 ng	96
70) Pentachlorophenol	11.03	266	186067	90.745 ng	97
71) Phenanthrene	11.25	178	767637	39.151 ng	100
72) Anthracene	11.30	178	788271	40.063 ng	99
73) Carbazole	11.46	167	744482	38.689 ng	100
74) Di-n-butylphthalate	11.79	149	924660	42.571 ng	99
75) Fluoranthene	12.43	202	910117	41.686 ng	100
77) Benzidine	12.56	184	300918	36.902 ng	98
78) Pyrene	12.66	202	944871	40.905 ng	100
80) Butylbenzylphthalate	13.29	149	425265	45.071 ng	99
81) Benzo(a)anthracene	13.85	228	813112	38.648 ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	263341	31.548 ng	98
83) Chrysene	13.89	228	856937	39.894 ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	533534	41.024 ng	99
85) Di-n-octyl phthalate	14.46	149	1079379	45.267 ng	99
87) Indeno(1,2,3-cd)pyrene	16.64	276	1088490	41.488 ng	99
88) Benzo(b)fluoranthene	14.87	252	948985	40.136 ng	99
89) Benzo(k)fluoranthene	14.90	252	886301	40.366 ng	99
90) Benzo(a)pyrene	15.22	252	852555	39.949 ng	99
91) Dibenzo(a,h)anthracene	16.66	278	894779	39.802 ng	99
92) Benzo(g,h,i)perylene	17.06	276	932256	42.021 ng	99

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

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