Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082418\
Data File : BF108464.D
Acq On : 24 Aug 2018 15:35
Operator : JU/SJ
Sample : PB112335BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112335BS

Manual Integrations APPROVED
Sohil
8/27/2018 12:56:33 PM

Quant Time: Aug 24 16:26:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	120567	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	481223	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	244598	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	488898	20.00	ng		0.00
75) Chrysene-d12	14.19	240	304583	20.00	ng		0.00
86) Perylene-d12	15.75	264	239919	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	716521	107.59	ng		0.01
7) Phenol-d6	6.62	99	944420	106.72	ng		0.00
23) Nitrobenzene-d5	7.57	82	614073	71.21	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	282059	115.61	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1220085	80.08	ng		0.00
78) Terphenyl-d14	13.13	244	1287507	107.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	125490	36.673	ng		90
3) Pyridine	3.75	79	347335	39.404	ng		86
4) n-Nitrosodimethylamine	3.71	42	183126	36.921	ng	#	82
6) Aniline	6.67	93	387422	32.185	ng		98
8) 2-Chlorophenol	6.79	128	322259	42.966	ng		98
9) Benzaldehyde	6.55	77	205404	29.937	ng		95
10) Phenol	6.64	94	409999	44.790	ng		93
11) bis(2-Chloroethyl)ether	6.73	93	307392	41.537	ng		91
12) 1,3-Dichlorobenzene	6.94	146	364956	42.082	ng		99
13) 1,4-Dichlorobenzene	7.02	146	370023	42.466	ng		98
14) 1,2-Dichlorobenzene	7.17	146	346667	42.773	ng		98
15) Benzyl Alcohol	7.14	79	289569	38.869	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	587827	38.557	ng		99
17) 2-Methylphenol	7.25	107	282273	43.886	ng		95
18) Hexachloroethane	7.51	117	133173	42.930	ng		89
19) n-Nitroso-di-n-propylamine	7.41	70	240061	40.115	ng		91
20) 3+4-Methylphenols	7.40	107	344538	41.800	ng	#	87
22) Acetophenone	7.41	105	462888	41.137	ng	#	91
24) Nitrobenzene	7.58	77	361552	41.460	ng		94
25) Isophorone	7.82	82	654713	39.831	ng		97
26) 2-Nitrophenol	7.90	139	162397	49.311	ng		94
27) 2,4-Dimethylphenol	7.92	122	301868	41.378	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	397409	41.415	ng		99
29) 2,4-Dichlorophenol	8.14	162	289944	43.187	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	311855	42.131	ng		98
31) Naphthalene	8.31	128	939508	42.929	ng		100
32) Benzoic acid	8.04	122	119463	30.681	ng		91
33) 4-Chloroaniline	8.35	127	207726	21.780	ng		99
34) Hexachlorobutadiene	8.41	225	203874	43.508	ng		98
35) Caprolactam	8.72	113	81867m	38.912	ng		
36) 4-Chloro-3-methylphenol	8.83	107	303813	41.948	ng		98
37) 2-Methylnaphthalene	9.00	142	651171	42.055	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	326536	43.472	ng		98
40) Hexachlorocyclopentadiene	9.15	237	312396	64.389	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	213051	45.708	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	228790	44.589	ng		95
45) 1,1'-Biphenyl	9.47	154	805205	44.649	ng		98
46) 2-Chloronaphthalene	9.50	162	614706	43.126	ng		97
47) 2-Nitroaniline	9.59	65	201116	43.608	ng		92
48) Acenaphthylene	9.91	152	985053	43.714	ng		99
49) Dimethylphthalate	9.76	163	730879	42.896	ng		99
50) 2,6-Dinitrotoluene	9.83	165	159236	44.670	ng		97
51) Acenaphthene	10.08	154	571517	41.409	ng		99
52) 3-Nitroaniline	10.00	138	114147	29.266	ng		98
53) 2,4-Dinitrophenol	10.11	184	95946	72.629	ng	#	22
54) Dibenzofuran	10.25	168	856030	42.810	ng		96
55) 4-Nitrophenol	10.16	139	219372	74.276	ng	#	82
56) 2,4-Dinitrotoluene	10.24	165	214689	46.788	ng	#	99
57) Fluorene	10.60	166	691163	43.664	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	197451	46.040	ng	#	84
59) Diethylphthalate	10.46	149	706427	42.817	ng		95
60) 4-Chlorophenyl-phenylether	10.58	204	357798	43.380	ng		95
61) 4-Nitroaniline	10.62	138	162337	42.099	ng		88
62) Azobenzene	10.75	77	722093	42.379	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	73427	40.896	ng		82
65) n-Nitrosodiphenylamine	10.71	169	624856	43.250	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	230124	43.313	ng		90
67) Hexachlorobenzene	11.15	284	240010	42.934	ng	#	89
68) Atrazine	11.23	200	212227	43.797	ng		96
69) Pentachlorophenol	11.35	266	211444	79.024	ng		98
70) Phenanthrene	11.57	178	1004629	43.567	ng		99
71) Anthracene	11.62	178	1025370	43.385	ng		100
72) Carbazole	11.78	167	873051	41.577	ng		99
73) Di-n-butylphthalate	12.09	149	1097648	46.149	ng		99
74) Fluoranthene	12.77	202	1064345	42.292	ng		94
76) Benzidine	12.88	184	487232	42.815	ng		99
77) Pyrene	12.99	202	1032936	53.566	ng		100
79) Butylbenzylphthalate	13.59	149	409997	53.545	ng		98
80) Benzo(a)anthracene	14.19	228	769085	43.998	ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	135695	21.661	ng	#	96
82) Chrysene	14.22	228	699555	43.653	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	522516	50.392	ng	#	97
84) Di-n-octyl phthalate	14.77	149	733919	46.410	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	674468	48.574	ng	#	90
87) Benzo(b)fluoranthene	15.28	252	614721m	42.879	ng		
88) Benzo(k)fluoranthene	15.31	252	522674	39.661	ng	#	97
89) Benzo(a)pyrene	15.68	252	567081	44.173	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	566369	53.321	ng	#	94
91) Benzo(g,h,i)perylene	17.87	276	571542	54.645	ng	#	89

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

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