Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091318\
Data File : BF108964.D
Acq On : 13 Sep 2018 15:12
Operator : JU/SJ
Sample : PB112800BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112800BS

Manual Integrations APPROVED
Sohil
9/14/2018 8:37:57 AM

Quant Time: Sep 13 15:35:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	159799	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	662742	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	325289	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	646387	20.00	ng		0.00
75) Chrysene-d12	13.87	240	432249	20.00	ng		0.00
86) Perylene-d12	15.27	264	380336	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1005618	104.25	ng		0.01
7) Phenol-d6	6.37	99	1283682	103.43	ng		0.00
23) Nitrobenzene-d5	7.29	82	804844	76.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	363309	116.99	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1515956	79.50	ng		0.00
78) Terphenyl-d14	12.82	244	1516750	81.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	168003	36.241	ng		93
3) Pyridine	3.21	79	478940	37.726	ng		90
4) n-Nitrosodimethylamine	3.15	42	207325	42.519	ng	#	94
6) Aniline	6.39	93	488048	29.238	ng		92
8) 2-Chlorophenol	6.52	128	445172	41.695	ng		95
9) Benzaldehyde	6.27	77	238423	27.079	ng		99
10) Phenol	6.38	94	548536	38.589	ng		82
11) bis(2-Chloroethyl)ether	6.47	93	436319	38.316	ng		97
12) 1,3-Dichlorobenzene	6.67	146	476628	39.120	ng		100
13) 1,4-Dichlorobenzene	6.75	146	478240	39.251	ng		97
14) 1,2-Dichlorobenzene	6.90	146	445892	39.704	ng		99
15) Benzyl Alcohol	6.87	79	384457	40.365	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	634145	37.255	ng		94
17) 2-Methylphenol	6.99	107	377485	41.837	ng		97
18) Hexachloroethane	7.24	117	179446	40.846	ng		99
19) n-Nitroso-di-n-propylamine	7.15	70	322604	37.395	ng		97
20) 3+4-Methylphenols	7.14	107	434340	41.094	ng	#	68
22) Acetophenone	7.14	105	600564	39.928	ng	#	92
24) Nitrobenzene	7.31	77	481024	42.333	ng		97
25) Isophorone	7.55	82	890015	42.133	ng		99
26) 2-Nitrophenol	7.62	139	232940	52.034	ng		96
27) 2,4-Dimethylphenol	7.67	122	409219	45.015	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	558784	39.565	ng		99
29) 2,4-Dichlorophenol	7.87	162	391671	41.784	ng		97
30) 1,2,4-Trichlorobenzene	7.95	180	396524	39.033	ng		98
31) Naphthalene	8.04	128	1271254	42.635	ng		100
32) Benzoic acid	7.80	122	273391	46.226	ng		98
33) 4-Chloroaniline	8.08	127	360418	26.319	ng		99
34) Hexachlorobutadiene	8.16	225	235405	38.790	ng		100
35) Caprolactam	8.45	113	125891m	39.634	ng		
36) 4-Chloro-3-methylphenol	8.57	107	402611	40.319	ng		98
37) 2-Methylnaphthalene	8.72	142	863883	43.856	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	374715	38.536	ng		99
40) Hexachlorocyclopentadiene	8.88	237	419494	85.754	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	278443	42.041	ng		99
43) 2,4,5-Trichlorophenol	9.04	196	297829	43.381	ng		96
45) 1,1'-Biphenyl	9.19	154	1013788	40.482	ng		99
46) 2-Chloronaphthalene	9.21	162	791808	39.095	ng		98
47) 2-Nitroaniline	9.30	65	258133	46.654	ng		93
48) Acenaphthylene	9.62	152	1299283	43.038	ng		99
49) Dimethylphthalate	9.50	163	928655	40.817	ng	#	99
50) 2,6-Dinitrotoluene	9.55	165	211783	48.851	ng		99
51) Acenaphthene	9.80	154	844257	45.192	ng		99
52) 3-Nitroaniline	9.71	138	181416	35.154	ng		100
53) 2,4-Dinitrophenol	9.82	184	187269	113.221	ng	#	21
54) Dibenzofuran	9.97	168	1099953	40.392	ng		99
55) 4-Nitrophenol	9.88	139	358455	92.912	ng		99
56) 2,4-Dinitrotoluene	9.95	165	282829	51.013	ng	#	96
57) Fluorene	10.31	166	810771	46.394	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	253371	45.764	ng		88
59) Diethylphthalate	10.19	149	923211	39.321	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	383118	41.049	ng		97
61) 4-Nitroaniline	10.33	138	230802	49.368	ng		94
62) Azobenzene	10.47	77	942040	38.870	ng		94
64) 4,6-Dinitro-2-methylphenol	10.36	198	120151	47.373	ng		79
65) n-Nitrosodiphenylamine	10.42	169	797536	37.110	ng		96
66) 4-Bromophenyl-phenylether	10.79	248	273190	37.420	ng		90
67) Hexachlorobenzene	10.86	284	289658	37.167	ng	#	89
68) Atrazine	10.95	200	262080	38.094	ng		95
69) Pentachlorophenol	11.05	266	327289	68.690	ng		98
70) Phenanthrene	11.27	178	1266999	41.046	ng		99
71) Anthracene	11.32	178	1300424	44.001	ng		99
72) Carbazole	11.47	167	1168794	37.552	ng		99
73) Di-n-butylphthalate	11.81	149	1414868	40.935	ng		100
74) Fluoranthene	12.45	202	1345957	44.040	ng		98
76) Benzidine	12.57	184	424029	20.698	ng		99
77) Pyrene	12.68	202	1325572	39.854	ng		99
79) Butylbenzylphthalate	13.30	149	599587	40.030	ng		97
80) Benzo(a)anthracene	13.86	228	1089055	39.308	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	312455	28.946	ng	#	96
82) Chrysene	13.89	228	1071854	39.963	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	698732	37.121	ng		100
84) Di-n-octyl phthalate	14.47	149	1227170	39.105	ng		98
85) Indeno(1,2,3-cd)pyrene	16.64	276	893319	37.635	ng		94
87) Benzo(b)fluoranthene	14.88	252	930578	44.997	ng		98
88) Benzo(k)fluoranthene	14.91	252	846226	44.433	ng	#	97
89) Benzo(a)pyrene	15.22	252	823151	44.112	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	735683	44.741	ng	#	95
91) Benzo(g,h,i)perylene	17.04	276	779628	47.355	ng		93

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

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