Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091118\
Data File : BF108932.D
Acq On : 11 Sep 2018 13:49
Operator : JU/SJ
Sample : PB112758BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112758BS

Manual Integrations APPROVED
Sohil
9/12/2018 9:11:49 AM

Quant Time: Sep 11 15:08:52 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	6.74	152	173132	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	710989	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	345264	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	663158	20.00	ng		0.00
75) Chrysene-d12	13.88	240	441124	20.00	ng		0.01
86) Perylene-d12	15.28	264	376263	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1077946	103.15	ng		0.02
7) Phenol-d6	6.38	99	1385606	103.05	ng		0.01
23) Nitrobenzene-d5	7.30	82	871189	76.68	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	371634	112.75	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1586255	78.38	ng		0.00
78) Terphenyl-d14	12.83	244	1559720	82.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	189579	37.746	ng		92
3) Pyridine	3.22	79	523965	38.094	ng		91
4) n-Nitrosodimethylamine	3.15	42	226632	42.899	ng		91
6) Aniline	6.40	93	563818	31.176	ng		98
8) 2-Chlorophenol	6.52	128	476772	41.216	ng		100
9) Benzaldehyde	6.28	77	262822	27.552	ng		99
10) Phenol	6.39	94	594619	38.609	ng		83
11) bis(2-Chloroethyl)ether	6.48	93	470801	38.160	ng		96
12) 1,3-Dichlorobenzene	6.68	146	517424	39.198	ng		99
13) 1,4-Dichlorobenzene	6.75	146	519316	39.340	ng		99
14) 1,2-Dichlorobenzene	6.91	146	485938	39.937	ng		97
15) Benzyl Alcohol	6.88	79	409245	39.659	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	714890	38.764	ng		95
17) 2-Methylphenol	7.00	107	407711	41.707	ng		98
18) Hexachloroethane	7.25	117	194219	40.804	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	340933	36.477	ng		96
20) 3+4-Methylphenols	7.15	107	460241	40.191	ng	#	65
22) Acetophenone	7.15	105	642738	39.833	ng	#	91
24) Nitrobenzene	7.32	77	519339	42.603	ng		99
25) Isophorone	7.56	82	961176	42.414	ng		97
26) 2-Nitrophenol	7.64	139	245517	51.122	ng		100
27) 2,4-Dimethylphenol	7.68	122	439553	45.071	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	607750	40.112	ng		99
29) 2,4-Dichlorophenol	7.88	162	415791	41.347	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	422840	38.799	ng		97
31) Naphthalene	8.04	128	1369575	42.816	ng		99
32) Benzoic acid	7.81	122	244410	39.852	ng		98
33) 4-Chloroaniline	8.09	127	382654	26.047	ng		98
34) Hexachlorobutadiene	8.17	225	253084	38.873	ng		99
35) Caprolactam	8.46	113	134247m	39.397	ng		
36) 4-Chloro-3-methylphenol	8.58	107	423003	39.486	ng		97
37) 2-Methylnaphthalene	8.74	142	919763	43.524	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	399082	38.667	ng		99
40) Hexachlorocyclopentadiene	8.90	237	498523	96.013	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	292135	41.556	ng		99
43) 2,4,5-Trichlorophenol	9.05	196	314205	43.119	ng		94
45) 1,1'-Biphenyl	9.20	154	1086193	40.864	ng		99
46) 2-Chloronaphthalene	9.22	162	846052	39.357	ng		100
47) 2-Nitroaniline	9.31	65	269497	45.890	ng		98
48) Acenaphthylene	9.64	152	1354890	42.283	ng		99
49) Dimethylphthalate	9.50	163	986556	40.853	ng		99
50) 2,6-Dinitrotoluene	9.55	165	220624	47.946	ng		95
51) Acenaphthene	9.81	154	818353	41.271	ng		98
52) 3-Nitroaniline	9.72	138	180644	32.979	ng		95
53) 2,4-Dinitrophenol	9.83	184	181875	104.389	ng	#	20
54) Dibenzofuran	9.98	168	1165352	40.318	ng		98
55) 4-Nitrophenol	9.89	139	368569	90.006	ng		99
56) 2,4-Dinitrotoluene	9.96	165	295406	50.199	ng	#	94
57) Fluorene	10.32	166	858136	46.264	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	265612	45.200	ng		87
59) Diethylphthalate	10.20	149	977380	39.219	ng		96
60) 4-Chlorophenyl-phenylether	10.31	204	411008	41.490	ng		93
61) 4-Nitroaniline	10.33	138	235756	47.510	ng		97
62) Azobenzene	10.47	77	1015300	39.469	ng		96
64) 4,6-Dinitro-2-methylphenol	10.37	198	119688	46.196	ng		89
65) n-Nitrosodiphenylamine	10.43	169	851885	38.637	ng		95
66) 4-Bromophenyl-phenylether	10.80	248	284858	38.031	ng	#	84
67) Hexachlorobenzene	10.87	284	299729	37.487	ng	#	87
68) Atrazine	10.96	200	276064	39.111	ng		95
69) Pentachlorophenol	11.06	266	339407	69.432	ng		98
70) Phenanthrene	11.28	178	1315310	41.533	ng		99
71) Anthracene	11.32	178	1369320	45.161	ng		100
72) Carbazole	11.48	167	1220035	38.207	ng		99
73) Di-n-butylphthalate	11.82	149	1482841	41.817	ng		100
74) Fluoranthene	12.45	202	1377819	43.942	ng		98
76) Benzidine	12.57	184	605707	28.971	ng		99
77) Pyrene	12.68	202	1385348	40.813	ng		98
79) Butylbenzylphthalate	13.31	149	604495	39.546	ng		97
80) Benzo(a)anthracene	13.87	228	1067466	37.753	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	278182	25.253	ng	#	95
82) Chrysene	13.90	228	1069659	39.079	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	705190	36.710	ng		100
84) Di-n-octyl phthalate	14.48	149	1195922	37.342	ng		99
85) Indeno(1,2,3-cd)pyrene	16.65	276	898086	37.074	ng		95
87) Benzo(b)fluoranthene	14.88	252	890155	43.508	ng		98
88) Benzo(k)fluoranthene	14.91	252	871194	46.239	ng		98
89) Benzo(a)pyrene	15.22	252	822489	44.553	ng		98
90) Dibenzo(a,h)anthracene	16.67	278	736753	45.292	ng		96
91) Benzo(g,h,i)perylene	17.06	276	786580	48.294	ng		93

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

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