Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108192.D
Acq On : 16 Aug 2018 13:56
Operator : JU/SJ
Sample : PB112104BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112104BS

Manual Integrations APPROVED
Sohil
8/17/2018 3:30:33 PM

Quant Time: Aug 16 14:49:20 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 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	192767	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	769167	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	388153	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	764686	20.00	ng		0.00
75) Chrysene-d12	14.22	240	626583	20.00	ng		0.00
86) Perylene-d12	15.78	264	532839	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	1494732	140.38	ng		0.03
7) Phenol-d6	6.64	99	2023902	143.04	ng		0.01
23) Nitrobenzene-d5	7.58	82	1073990	77.92	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	598896	154.68	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2009164	83.10	ng		0.00
78) Terphenyl-d14	13.15	244	2152287	87.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	206857	37.810	ng		90
3) Pyridine	3.78	79	566252	40.179	ng		89
4) n-Nitrosodimethylamine	3.75	42	303481	38.269	ng		86
6) Aniline	6.68	93	624611	32.455	ng		96
8) 2-Chlorophenol	6.81	128	505558	42.158	ng		99
9) Benzaldehyde	6.57	77	305028	27.806	ng		99
10) Phenol	6.65	94	605631	41.381	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	494140	41.762	ng		90
12) 1,3-Dichlorobenzene	6.96	146	583353	42.071	ng		99
13) 1,4-Dichlorobenzene	7.03	146	579560	41.602	ng		100
14) 1,2-Dichlorobenzene	7.19	146	541500	41.788	ng		96
15) Benzyl Alcohol	7.15	79	474720	39.855	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	965071	39.592	ng		97
17) 2-Methylphenol	7.26	107	433647	42.168	ng		95
18) Hexachloroethane	7.53	117	212968	42.939	ng		91
19) n-Nitroso-di-n-propylamine	7.42	70	386180	40.362	ng		92
20) 3+4-Methylphenols	7.41	107	543034	41.206	ng		91
22) Acetophenone	7.42	105	737190	40.989	ng	#	94
24) Nitrobenzene	7.60	77	574111	41.189	ng		97
25) Isophorone	7.84	82	1050142	39.971	ng		98
26) 2-Nitrophenol	7.91	139	248901	47.285	ng		88
27) 2,4-Dimethylphenol	7.94	122	478313	41.019	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	628055	40.949	ng		99
29) 2,4-Dichlorophenol	8.15	162	459767	42.845	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	487982	41.245	ng		97
31) Naphthalene	8.32	128	1476651	42.214	ng		99
32) Benzoic acid	8.06	122	238141	36.788	ng		90
33) 4-Chloroaniline	8.37	127	377704	24.777	ng		98
34) Hexachlorobutadiene	8.43	225	310705	41.484	ng		98
35) Caprolactam	8.74	113	154065m	45.815	ng		
36) 4-Chloro-3-methylphenol	8.84	107	474146	40.958	ng		98
37) 2-Methylnaphthalene	9.01	142	1014890	41.008	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	507185	42.550	ng		98
40) Hexachlorocyclopentadiene	9.17	237	609517	79.167	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	336994	45.559	ng		100
43) 2,4,5-Trichlorophenol	9.33	196	359392	44.137	ng	#	93
45) 1,1'-Biphenyl	9.48	154	1228310	42.920	ng		99
46) 2-Chloronaphthalene	9.51	162	949913	41.996	ng		98
47) 2-Nitroaniline	9.60	65	323617	44.218	ng		89
48) Acenaphthylene	9.93	152	1516570	42.411	ng		100
49) Dimethylphthalate	9.78	163	1114803	41.231	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	246844	43.636	ng		96
51) Acenaphthene	10.10	154	993663	45.368	ng		99
52) 3-Nitroaniline	10.01	138	188905	30.521	ng		97
53) 2,4-Dinitrophenol	10.12	184	195910	91.439	ng	#	20
54) Dibenzofuran	10.27	168	1316644	41.493	ng		96
55) 4-Nitrophenol	10.17	139	377820	80.612	ng		84
56) 2,4-Dinitrotoluene	10.25	165	332712	45.693	ng	#	94
57) Fluorene	10.62	166	1039610	41.387	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	304565	44.751	ng	#	85
59) Diethylphthalate	10.48	149	1054469	40.275	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	536005	40.951	ng		91
61) 4-Nitroaniline	10.64	138	258886	42.307	ng		93
62) Azobenzene	10.77	77	1088348	40.251	ng		92
64) 4,6-Dinitro-2-methylphenol	10.66	198	125319	44.137	ng		92
65) n-Nitrosodiphenylamine	10.72	169	939468	41.575	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	349191	42.020	ng	#	87
67) Hexachlorobenzene	11.17	284	367942	42.081	ng	#	87
68) Atrazine	11.25	200	326929	43.135	ng		95
69) Pentachlorophenol	11.36	266	361322	86.337	ng		96
70) Phenanthrene	11.59	178	1495831	41.473	ng		99
71) Anthracene	11.64	178	1536744	41.571	ng		97
72) Carbazole	11.79	167	1364288	41.539	ng		99
73) Di-n-butylphthalate	12.11	149	1608530	43.238	ng		100
74) Fluoranthene	12.78	202	1652935	41.992	ng		96
76) Benzidine	12.90	184	845065	36.097	ng		99
77) Pyrene	13.01	202	1643392	41.427	ng		97
79) Butylbenzylphthalate	13.61	149	702203	44.579	ng		96
80) Benzo(a)anthracene	14.21	228	1523832	42.376	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	382923	29.714	ng	#	98
82) Chrysene	14.24	228	1398368	42.417	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	914936	42.892	ng		99
84) Di-n-octyl phthalate	14.79	149	1535062	47.186	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	1049180	36.730	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1447958	45.477	ng	#	96
88) Benzo(k)fluoranthene	15.34	252	1210817	41.370	ng	#	95
89) Benzo(a)pyrene	15.71	252	1224746	42.957	ng		96
90) Dibenzo(a,h)anthracene	17.41	278	874940	37.089	ng	#	93
91) Benzo(g,h,i)perylene	17.89	276	835736	35.978	ng	#	91

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

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