Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107338.D
Acq On : 12 Jul 2018 14:56
Operator : JU/SJ
Sample : PB110987BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110987BS

Manual Integrations APPROVED
Sohil
7/13/2018 12:37:42 PM

Quant Time: Jul 13 09:32:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	77666	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	301194	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	157840	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	316798	20.00	ng		0.00
75) Chrysene-d12	14.14	240	214863	20.00	ng		0.00
86) Perylene-d12	15.68	264	229803	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	512819	111.81	ng		0.02
7) Phenol-d6	6.59	99	636859	111.19	ng		0.01
23) Nitrobenzene-d5	7.50	82	428464	79.06	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	208528	113.99	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	756583	80.32	ng		0.00
78) Terphenyl-d14	13.07	244	834166	94.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	72267	30.647	ng		96
3) Pyridine	3.62	79	213695	33.415	ng		98
4) n-Nitrosodimethylamine	3.59	42	89427	32.924	ng		86
6) Aniline	6.61	93	172878	22.250	ng	#	82
8) 2-Chlorophenol	6.73	128	190674	37.902	ng		96
9) Benzaldehyde	6.49	77	124945	29.948	ng		98
10) Phenol	6.60	94	229869	35.165	ng		82
11) bis(2-Chloroethyl)ether	6.67	93	194775	36.093	ng		98
12) 1,3-Dichlorobenzene	6.87	146	225952	38.349	ng		98
13) 1,4-Dichlorobenzene	6.95	146	225518	37.859	ng		98
14) 1,2-Dichlorobenzene	7.10	146	206990	37.916	ng		98
15) Benzyl Alcohol	7.08	79	152679	33.197	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	266469	37.635	ng	#	26
17) 2-Methylphenol	7.20	107	167737	38.962	ng	#	89
18) Hexachloroethane	7.44	117	78812	37.623	ng	#	85
19) n-Nitroso-di-n-propylamine	7.34	70	135808	35.970	ng		94
20) 3+4-Methylphenols	7.35	107	212611	46.050	ng		94
22) Acetophenone	7.34	105	269096	39.934	ng	#	99
24) Nitrobenzene	7.52	77	214326	38.734	ng		97
25) Isophorone	7.75	82	401580	42.049	ng		97
26) 2-Nitrophenol	7.84	139	113332	43.387	ng		96
27) 2,4-Dimethylphenol	7.87	122	184624	45.728	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	251602	39.237	ng		97
29) 2,4-Dichlorophenol	8.08	162	183026	43.300	ng		94
30) 1,2,4-Trichlorobenzene	8.15	180	200239	43.003	ng		97
31) Naphthalene	8.24	128	567733	40.317	ng		100
32) Benzoic acid	8.03	122	85557	31.386	ng		95
33) 4-Chloroaniline	8.29	127	73269	12.400	ng		98
34) Hexachlorobutadiene	8.34	225	133194	43.899	ng		98
35) Caprolactam	8.69	113	58572m	42.510	ng		
36) 4-Chloro-3-methylphenol	8.80	107	185149	41.615	ng		98
37) 2-Methylnaphthalene	8.93	142	421336	45.141	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	221904	41.746	ng	#	96
40) Hexachlorocyclopentadiene	9.07	237	89707	32.802	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	118830	33.631	ng		93
43) 2,4,5-Trichlorophenol	9.27	196	115724	31.388	ng		90
45) 1,1'-Biphenyl	9.40	154	503814	40.052	ng		99
46) 2-Chloronaphthalene	9.42	162	371538	37.523	ng		95
47) 2-Nitroaniline	9.54	65	115960	34.827	ng		99
48) Acenaphthylene	9.85	152	560718	35.869	ng		99
49) Dimethylphthalate	9.70	163	425629	35.954	ng		98
50) 2,6-Dinitrotoluene	9.78	165	100958	40.274	ng	#	83
51) Acenaphthene	10.02	154	349239	35.477	ng		98
52) 3-Nitroaniline	9.95	138	46773	16.215	ng		96
53) 2,4-Dinitrophenol	10.07	184	63013	50.465	ng	#	21
54) Dibenzofuran	10.19	168	512561	38.025	ng		97
55) 4-Nitrophenol	10.14	139	41327	20.525	ng		89
56) 2,4-Dinitrotoluene	10.19	165	119503	36.522	ng	#	94
57) Fluorene	10.54	166	421765	39.431	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	88405	30.164	ng	#	76
59) Diethylphthalate	10.40	149	414170	36.248	ng	#	93
60) 4-Chlorophenyl-phenylether	10.52	204	222426	39.743	ng	#	85
61) 4-Nitroaniline	10.58	138	94004	32.836	ng		95
62) Azobenzene	10.68	77	397985	35.371	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	69126	35.300	ng	#	75
65) n-Nitrosodiphenylamine	10.64	169	370954	34.813	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	152392	40.307	ng	#	79
67) Hexachlorobenzene	11.09	284	163351	41.280	ng	#	80
68) Atrazine	11.17	200	135147	39.896	ng		93
69) Pentachlorophenol	11.30	266	48684m	24.657	ng		
70) Phenanthrene	11.51	178	608569	39.828	ng		99
71) Anthracene	11.56	178	631101	40.465	ng		99
72) Carbazole	11.72	167	530586	36.337	ng		98
73) Di-n-butylphthalate	12.02	149	622029	36.160	ng		100
74) Fluoranthene	12.70	202	636841	37.814	ng		96
76) Benzidine	12.82	184	205877	33.644	ng		98
77) Pyrene	12.94	202	630633	44.509	ng		99
79) Butylbenzylphthalate	13.53	149	228937	39.299	ng	#	92
80) Benzo(a)anthracene	14.13	228	534460	40.813	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	93417	20.297	ng	#	96
82) Chrysene	14.17	228	487394	40.456	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	292645	39.293	ng		97
84) Di-n-octyl phthalate	14.70	149	484820	39.936	ng		95
85) Indeno(1,2,3-cd)pyrene	17.29	276	607918	59.460	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	533446	37.369	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	486136	35.760	ng	#	96
89) Benzo(a)pyrene	15.62	252	512644	40.396	ng	#	96
90) Dibenzo(a,h)anthracene	17.29	278	502098	46.685	ng	#	92
91) Benzo(g,h,i)perylene	17.77	276	530882	50.502	ng	#	90

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

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