Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110033.D
Acq On : 20 Oct 2018 6:03
Operator : JU/SJ
Sample : PB113927BS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB113927BS

Manual Integrations APPROVED
Sohil
10/22/2018 2:55:53 PM

Quant Time: Oct 20 07:08:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 20 01:53:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	213879	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	845306	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	366022	20.00	ng		0.00
64) Phenanthrene-d10	11.50	188	581626	20.00	ng		0.00
76) Chrysene-d12	14.15	240	372134	20.00	ng		0.00
87) Perylene-d12	15.67	264	315538	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1176008	87.16	ng		0.02
7) Phenol-d6	6.60	99	1461341	87.22	ng		0.00
23) Nitrobenzene-d5	7.54	82	1293122	103.05	ng		0.00
42) 2,4,6-Tribromophenol	10.81	330	279697	88.26	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	2154906	93.94	ng		0.00
79) Terphenyl-d14	13.09	244	1447812	81.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	215419	28.110	ng		91
3) Pyridine	3.70	79	637784	37.329	ng	#	86
4) n-Nitrosodimethylamine	3.67	42	314507	45.125	ng		95
6) Aniline	6.63	93	517008	22.898	ng	#	53
8) 2-Chlorophenol	6.76	128	645121	42.684	ng		97
9) Benzaldehyde	6.52	77	266727	24.498	ng		97
10) Phenol	6.61	94	758229	41.916	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	606194	40.079	ng		92
12) 1,3-Dichlorobenzene	6.91	146	669800	40.415	ng		97
13) 1,4-Dichlorobenzene	6.99	146	676324	40.521	ng		98
14) 1,2-Dichlorobenzene	7.15	146	624073	40.604	ng		99
15) Benzyl Alcohol	7.11	79	557000	43.212	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.24	45	985090	39.681	ng		68
17) 2-Methylphenol	7.22	107	523425	42.948	ng	#	82
18) Hexachloroethane	7.48	117	240074	40.702	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	424808	39.489	ng		97
20) 3+4-Methylphenols	7.37	107	633954	40.991	ng		96
22) Acetophenone	7.38	105	851971	43.461	ng		97
24) Nitrobenzene	7.56	77	636167	46.668	ng		94
25) Isophorone	7.79	82	1193498	48.406	ng		96
26) 2-Nitrophenol	7.87	139	312450	55.281	ng		95
27) 2,4-Dimethylphenol	7.90	122	577229	48.604	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	745712	44.069	ng		100
29) 2,4-Dichlorophenol	8.11	162	506622	43.974	ng		100
30) 1,2,4-Trichlorobenzene	8.19	180	551325	42.739	ng		96
31) Naphthalene	8.28	128	1724098	44.478	ng		99
32) Benzoic acid	8.02	122	243571	32.917	ng		89
33) 4-Chloroaniline	8.32	127	116824	6.704	ng		96
34) Hexachlorobutadiene	8.39	225	302958	42.590	ng		100
35) Caprolactam	8.71	113	178907m	43.725	ng		
36) 4-Chloro-3-methylphenol	8.80	107	531468	43.728	ng		96
37) 2-Methylnaphthalene	8.97	142	1168262	46.544	ng		99
38) 1-Methylnaphthalene	9.07	142	1109821	45.631	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	498998	44.261	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	301724	55.450	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	330808	46.927	ng		96
44) 2,4,5-Trichlorophenol	9.29	196	335982	45.921	ng		95
46) 1,1'-Biphenyl	9.43	154	1386384	42.513	ng		99
47) 2-Chloronaphthalene	9.46	162	1035447	43.106	ng		99
48) 2-Nitroaniline	9.56	65	324009	52.560	ng		95
49) Acenaphthylene	9.88	152	1571555	45.035	ng		97
50) Dimethylphthalate	9.73	163	1207846	46.603	ng		100
51) 2,6-Dinitrotoluene	9.80	165	261635	53.149	ng		90
52) Acenaphthene	10.05	154	979745	44.099	ng		98
53) 3-Nitroaniline	9.96	138	154179	25.748	ng		98
54) 2,4-Dinitrophenol	10.07	184	56044	40.667	ng		86
55) Dibenzofuran	10.22	168	1361305	42.965	ng		99
56) 4-Nitrophenol	10.12	139	376681	82.441	ng		96
57) 2,4-Dinitrotoluene	10.20	165	327597	52.236	ng	#	83
58) Fluorene	10.57	166	1038807	45.039	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	259571	44.765	ng		95
60) Diethylphthalate	10.43	149	1129964	44.142	ng		97
61) 4-Chlorophenyl-phenylether	10.55	204	507583	42.247	ng		97
62) 4-Nitroaniline	10.59	138	230266	40.623	ng		89
63) Azobenzene	10.72	77	1098387	41.073	ng		95
65) 4,6-Dinitro-2-methylphenol	10.60	198	47245	26.634	ng		87
66) n-Nitrosodiphenylamine	10.67	169	930920	48.056	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	301382	47.813	ng		92
68) Hexachlorobenzene	11.11	284	298926	44.472	ng	#	90
69) Atrazine	11.20	200	302284	49.956	ng		99
70) Pentachlorophenol	11.30	266	249589	65.246	ng		97
71) Phenanthrene	11.53	178	1374783	45.657	ng		99
72) Anthracene	11.59	178	1409403	46.557	ng		100
73) Carbazole	11.74	167	1176659	39.549	ng		99
74) Di-n-butylphthalate	12.06	149	1591019	47.917	ng		100
75) Fluoranthene	12.72	202	1209516	40.209	ng		99
77) Benzidine	12.84	184	500027	35.045	ng		97
78) Pyrene	12.95	202	1185730	43.382	ng		99
80) Butylbenzylphthalate	13.56	149	541408	48.996	ng		98
81) Benzo(a)anthracene	14.14	228	1036911	47.305	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	286518	37.285	ng		100
83) Chrysene	14.18	228	961121	46.066	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	753274	51.807	ng		97
85) Di-n-octyl phthalate	14.73	149	1220170	59.523	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	740332	44.070	ng	#	95
88) Benzo(b)fluoranthene	15.22	252	916380	50.374	ng		98
89) Benzo(k)fluoranthene	15.25	252	862911m	48.125	ng		
90) Benzo(a)pyrene	15.61	252	813493	48.622	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	625718	42.200	ng		99
92) Benzo(g,h,i)perylene	17.70	276	595864	39.774	ng	#	95

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

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