Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
Data File : BF109753.D
Acq On : 10 Oct 2018 20:16
Operator : JU/SJ
Sample : J5366-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR200035MS

Manual Integrations APPROVED
Sohil
10/11/2018 2:02:46 PM

Quant Time: Oct 11 06:13:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	72820	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	296061	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	145801	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	291212	20.00	ng		0.00
75) Chrysene-d12	13.83	240	212444	20.00	ng		0.00
86) Perylene-d12	15.23	264	212402	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	514643	125.45	ng		0.00
7) Phenol-d6	6.35	99	700865	127.89	ng		0.00
23) Nitrobenzene-d5	7.26	82	475701	88.57	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	205736	129.50	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	852602	80.54	ng		0.00
78) Terphenyl-d14	12.78	244	926327	84.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	62658	29.102	ng		99
3) Pyridine	3.12	79	117463	26.444	ng		98
4) n-Nitrosodimethylamine	3.03	42	60503	37.736	ng		96
6) Aniline	6.37	93	158353	24.804	ng		97
8) 2-Chlorophenol	6.49	128	220631	43.729	ng		99
9) Benzaldehyde	6.25	77	100166	28.403	ng		96
10) Phenol	6.36	94	269592	42.899	ng	#	78
11) bis(2-Chloroethyl)ether	6.43	93	203300m	39.021	ng		
12) 1,3-Dichlorobenzene	6.63	146	222812	38.611	ng		98
13) 1,4-Dichlorobenzene	6.72	146	250558	39.831	ng		99
14) 1,2-Dichlorobenzene	6.86	146	228165	41.301	ng		99
15) Benzyl Alcohol	6.85	79	174767	43.015	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	282057	40.828	ng		96
17) 2-Methylphenol	6.96	107	169832	42.565	ng		92
18) Hexachloroethane	7.20	117	88777	39.927	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	157030	40.858	ng		99
20) 3+4-Methylphenols	7.12	107	209104	42.531	ng		94
22) Acetophenone	7.11	105	320567	44.776	ng	#	98
24) Nitrobenzene	7.28	77	233538	41.787	ng		98
25) Isophorone	7.52	82	436978	48.996	ng		100
26) 2-Nitrophenol	7.60	139	110767	42.373	ng		97
27) 2,4-Dimethylphenol	7.65	122	186565	49.422	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	269639	44.697	ng		100
29) 2,4-Dichlorophenol	7.85	162	191236	45.165	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	196749	41.975	ng		99
31) Naphthalene	8.00	128	691307	50.490	ng		100
32) Benzoic acid	7.76	122	58477m	21.667	ng		
33) 4-Chloroaniline	8.06	127	86228	14.301	ng		97
34) Hexachlorobutadiene	8.12	225	115135	39.506	ng		99
35) Caprolactam	8.42	113	55658m	44.015	ng		
36) 4-Chloro-3-methylphenol	8.55	107	206927	46.297	ng		97
37) 2-Methylnaphthalene	8.69	142	466814	52.049	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	202689	40.839	ng		98
40) Hexachlorocyclopentadiene	8.85	237	152994	71.265	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	125924	42.443 ng	100
43) 2,4,5-Trichlorophenol	9.02	196	156231m	45.797 ng	
45) 1,1'-Biphenyl	9.15	154	545675	41.894 ng	100
46) 2-Chloronaphthalene	9.17	162	405817	41.587 ng	100
47) 2-Nitroaniline	9.27	65	132922	44.986 ng	98
48) Acenaphthylene	9.59	152	655522	46.078 ng	100
49) Dimethylphthalate	9.46	163	586765	54.873 ng	100
50) 2,6-Dinitrotoluene	9.52	165	105991	45.727 ng	95
51) Acenaphthene	9.76	154	424261	50.307 ng	100
52) 3-Nitroaniline	9.69	138	69442	26.726 ng	94
53) 2,4-Dinitrophenol	9.80	184	43728	58.472 ng	91
54) Dibenzofuran	9.93	168	627072	49.605 ng	99
55) 4-Nitrophenol	9.87	139	123172	86.606 ng	92
56) 2,4-Dinitrotoluene	9.92	165	133884	46.284 ng	94
57) Fluorene	10.27	166	510667	54.094 ng	99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	128104	46.196 ng	100
59) Diethylphthalate	10.15	149	483719	45.656 ng	99
60) 4-Chlorophenyl-phenylether	10.26	204	208425	41.849 ng	98
61) 4-Nitroaniline	10.30	138	109786	45.625 ng	98
62) Azobenzene	10.42	77	486400	45.209 ng	98
64) 4,6-Dinitro-2-methylphenol	10.33	198	49886	35.196 ng	91
65) n-Nitrosodiphenylamine	10.39	169	413767	41.913 ng	99
66) 4-Bromophenyl-phenylether	10.75	248	135694	40.553 ng	94
67) Hexachlorobenzene	10.82	284	144874	39.984 ng	97
68) Atrazine	10.92	200	137677	44.687 ng	98
69) Pentachlorophenol	11.02	266	135877	66.644 ng	99
70) Phenanthrene	11.23	178	1004900	68.955 ng	100
71) Anthracene	11.28	178	740813	49.175 ng	100
72) Carbazole	11.44	167	717500	49.107 ng	100
73) Di-n-butylphthalate	11.77	149	757668	44.709 ng	99
74) Fluoranthene	12.42	202	1114160	73.182 ng	98
76) Benzidine	12.54	184	173804	22.023 ng	97
77) Pyrene	12.64	202	1011429	64.981 ng	99
79) Butylbenzylphthalate	13.26	149	315746	46.789 ng	96
80) Benzo(a)anthracene	13.82	228	584854	49.887 ng	99
81) 3,3'-Dichlorobenzidine	13.79	252	110823	23.477 ng	98
82) Chrysene	13.86	228	601811	48.871 ng	100
83) Bis(2-ethylhexyl)phthalate	13.82	149	401486	48.765 ng	97
84) Di-n-octyl phthalate	14.42	149	687836	52.855 ng	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	590506	66.996 ng	99
87) Benzo(b)fluoranthene	14.83	252	562297	47.905 ng	98
88) Benzo(k)fluoranthene	14.86	252	466693	39.572 ng	98
89) Benzo(a)pyrene	15.17	252	493146	46.298 ng	97
90) Dibenzo(a,h)anthracene	16.59	278	483560	55.277 ng	97
91) Benzo(g,h,i)perylene	16.99	276	500129	57.252 ng	100

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

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