Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112117\
Data File : BF100777.D
Acq On : 21 Nov 2017 13:50
Operator : SJ/JU
Sample : I6300-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-01-111717MSD

Manual Integrations APPROVED
Sohil
11/22/2017 5:04:08 PM

Quant Time: Nov 22 05:39:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	85054	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	344920	20.00	ng		-0.02
38) Acenaphthene-d10	9.91	164	166301	20.00	ng		-0.01
63) Phenanthrene-d10	11.40	188	329429	20.00	ng		0.00
75) Chrysene-d12	14.04	240	231957	20.00	ng		0.00
86) Perylene-d12	15.51	264	183847	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	616380	116.17	ng		0.02
7) Phenol-d6	6.51	99	700276	107.03	ng		0.00
23) Nitrobenzene-d5	7.44	82	534907	102.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.71	330	250584	147.87	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1152801	105.55	ng		0.00
78) Terphenyl-d14	12.99	244	1074148	106.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.93	88	95291	36.852	ng	#	81
3) Pyridine	3.60	79	247565	35.093	ng		97
4) n-Nitrosodimethylamine	3.56	42	134824	39.363	ng		95
6) Aniline	6.55	93	35824	3.876	ng		96
8) 2-Chlorophenol	6.66	128	290304	51.718	ng		97
9) Benzaldehyde	6.43	77	85341	18.264	ng		97
10) Phenol	6.52	94	282218	41.087	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	273928	47.479	ng		99
12) 1,3-Dichlorobenzene	6.82	146	335081	51.777	ng		96
13) 1,4-Dichlorobenzene	6.89	146	338876	51.736	ng		97
14) 1,2-Dichlorobenzene	7.05	146	316809	52.313	ng		97
15) Benzyl Alcohol	7.02	79	245805	48.136	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	481824	52.216	ng		99
17) 2-Methylphenol	7.13	107	247403	51.576	ng		98
18) Hexachloroethane	7.38	117	114692	53.107	ng		96
19) n-Nitroso-di-n-propylamine	7.29	70	207030	45.626	ng		94
20) 3+4-Methylphenols	7.27	107	288397	47.511	ng	#	78
22) Acetophenone	7.28	105	393872	46.829	ng	#	90
24) Nitrobenzene	7.46	77	303480	56.517	ng		96
25) Isophorone	7.70	82	573742	52.333	ng		98
26) 2-Nitrophenol	7.77	139	170588	65.543	ng		95
27) 2,4-Dimethylphenol	7.80	122	281685	57.316	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	363203	50.647	ng		98
29) 2,4-Dichlorophenol	8.01	162	273181	58.226	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	282493	55.663	ng		97
31) Naphthalene	8.17	128	907613	54.632	ng		99
32) Benzoic acid	7.92	122	94063m	29.485	ng		
33) 4-Chloroaniline	8.22	127	24412	3.530	ng		92
34) Hexachlorobutadiene	8.29	225	164145	54.398	ng		98
35) Caprolactam	8.61	113	63601m	39.501	ng		
36) 4-Chloro-3-methylphenol	8.71	107	276342	54.841	ng		98
37) 2-Methylnaphthalene	8.87	142	636762	57.733	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	284509	51.585	ng		97
40) Hexachlorocyclopentadiene	9.02	237	251448	96.867	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	208079	59.527	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	209709	57.904	ng	#	93
45) 1,1'-Biphenyl	9.33	154	746114	51.873	ng		98
46) 2-Chloronaphthalene	9.36	162	583755	55.944	ng		95
47) 2-Nitroaniline	9.46	65	166702	53.715	ng		98
48) Acenaphthylene	9.78	152	889713	51.451	ng		100
49) Dimethylphthalate	9.64	163	681966	53.710	ng		99
50) 2,6-Dinitrotoluene	9.70	165	153649	61.133	ng		91
51) Acenaphthene	9.95	154	525099	49.929	ng		99
52) 3-Nitroaniline	9.86	138	20799	7.008	ng		91
53) 2,4-Dinitrophenol	9.97	184	80672	75.426	ng	#	17
54) Dibenzofuran	10.12	168	780255	52.934	ng		98
55) 4-Nitrophenol	10.03	139	202626	84.081	ng		92
56) 2,4-Dinitrotoluene	10.11	165	198249	62.525	ng	#	87
57) Fluorene	10.46	166	609110	56.408	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	171863	57.901	ng	#	85
59) Diethylphthalate	10.33	149	656383	51.658	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	289197	54.594	ng		93
61) 4-Nitroaniline	10.49	138	136702	48.576	ng		88
62) Azobenzene	10.62	77	578938	48.376	ng		92
64) 4,6-Dinitro-2-methylphenol	10.52	198	75809	46.009	ng	#	69
65) n-Nitrosodiphenylamine	10.57	169	565111	49.335	ng		97
66) 4-Bromophenyl-phenylether	10.95	248	191236	54.153	ng	#	82
67) Hexachlorobenzene	11.01	284	198692	53.796	ng	#	89
68) Atrazine	11.10	200	183219	52.841	ng		97
69) Pentachlorophenol	11.20	266	215608	81.410	ng		98
70) Phenanthrene	11.43	178	909857	52.457	ng		98
71) Anthracene	11.48	178	934889	53.127	ng		99
72) Carbazole	11.63	167	819949	50.499	ng		98
73) Di-n-butylphthalate	11.96	149	1017752	53.562	ng		98
74) Fluoranthene	12.62	202	950292	51.696	ng		96
76) Benzidine	12.73	184	147221	15.848	ng		97
77) Pyrene	12.84	202	951124	57.523	ng		99
79) Butylbenzylphthalate	13.45	149	407594	60.446	ng		96
80) Benzo(a)anthracene	14.03	228	762594	54.594	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	54967	10.983	ng	#	98
82) Chrysene	14.07	228	709730	52.470	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	523865	59.068	ng		99
84) Di-n-octyl phthalate	14.62	149	749552	49.196	ng		98
85) Indeno(1,2,3-cd)pyrene	17.00	276	626648	57.276	ng		95
87) Benzo(b)fluoranthene	15.08	252	578846	53.144	ng		99
88) Benzo(k)fluoranthene	15.11	252	553693	53.802	ng		97
89) Benzo(a)pyrene	15.45	252	530057	54.893	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	511192	64.734	ng		97
91) Benzo(g,h,i)perylene	17.46	276	542598	70.192	ng		93

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

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