Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107929.D
Acq On : 3 Aug 2018 00:18
Operator : JU/SJ
Sample : J4262-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-03MSD

Manual Integrations APPROVED
Sohil
8/3/2018 12:53:39 PM

Quant Time: Aug 03 05:17:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	147846	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	568014	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	221885	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	399177	20.00	ng		0.00
75) Chrysene-d12	14.15	240	341304	20.00	ng		0.00
86) Perylene-d12	15.68	264	301300	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	455455	52.36	ng		0.00
7) Phenol-d6	6.61	99	354129	30.89	ng		0.00
23) Nitrobenzene-d5	7.52	82	886492	89.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	331507	109.95	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	1544806	97.02	ng		0.00
78) Terphenyl-d14	13.07	244	1386342	88.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	55336	17.715	ng		88
3) Pyridine	3.70	79	68820	12.115	ng	#	90
6) Aniline	6.65	93	138930	11.650	ng	#	77
8) 2-Chlorophenol	6.75	128	329633	30.166	ng		93
9) Benzaldehyde	6.52	77	162009	23.421	ng		95
10) Phenol	6.62	94	128535	9.401	ng		85
11) bis(2-Chloroethyl)ether	6.69	93	478335	39.345	ng		95
12) 1,3-Dichlorobenzene	6.90	146	435268	37.979	ng		97
13) 1,4-Dichlorobenzene	6.97	146	486035	38.097	ng		99
14) 1,2-Dichlorobenzene	7.12	146	431016	36.395	ng		97
15) Benzyl Alcohol	7.11	79	181083	25.411	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.22	45	699383	40.012	ng		79
17) 2-Methylphenol	7.22	107	215023	26.656	ng	#	64
18) Hexachloroethane	7.46	117	152179	33.186	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	304798	41.909	ng		98
20) 3+4-Methylphenols	7.38	107	249238	25.166	ng	#	57
22) Acetophenone	7.37	105	636324	46.564	ng	#	98
24) Nitrobenzene	7.54	77	401492	38.835	ng		98
25) Isophorone	7.77	82	821376	50.751	ng		99
26) 2-Nitrophenol	7.86	139	168363	32.449	ng		96
27) 2,4-Dimethylphenol	7.90	122	301391	43.387	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	503283	47.186	ng		98
29) 2,4-Dichlorophenol	8.11	162	289716	36.871	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	376136	41.961	ng		99
31) Naphthalene	8.26	128	1592125	60.299	ng		99
32) Benzoic acid	8.02	122	62080	14.304	ng	#	84
33) 4-Chloroaniline	8.34	127	113633	10.076	ng	#	93
34) Hexachlorobutadiene	8.36	225	217038	39.181	ng		98
35) Caprolactam	8.71	113	12072	5.104	ng	#	45
36) 4-Chloro-3-methylphenol	8.80	107	276117	32.356	ng		97
37) 2-Methylnaphthalene	8.95	142	828169	49.933	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	369576	48.852	ng	#	96
40) Hexachlorocyclopentadiene	9.09	237	85572	31.256	ng		99
42) 2,4,6-Trichlorophenol	9.24	196	187363	44.799	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.29	196	200624	39.847	ng		95
45) 1,1'-Biphenyl	9.41	154	984970	48.778	ng		99
46) 2-Chloronaphthalene	9.44	162	696195	45.720	ng		99
47) 2-Nitroaniline	9.55	65	219772	44.371	ng		88
48) Acenaphthylene	9.86	152	1094310	46.355	ng		99
49) Dimethylphthalate	9.71	163	895047	53.712	ng		100
50) 2,6-Dinitrotoluene	9.78	165	151492	41.833	ng	#	89
51) Acenaphthene	10.03	154	626494	45.685	ng		99
52) 3-Nitroaniline	9.98	138	94593	20.729	ng		94
53) 2,4-Dinitrophenol	10.11	184	29925	22.465	ng	#	43
54) Dibenzofuran	10.20	168	918521	43.335	ng		98
55) 4-Nitrophenol	10.20	139	408005	177.173	ng	#	14
56) 2,4-Dinitrotoluene	10.20	165	174965	36.759	ng	#	86
57) Fluorene	10.55	166	742740	45.090	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	198658	42.958	ng	#	77
59) Diethylphthalate	10.41	149	795208	44.384	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	362840	40.435	ng		95
61) 4-Nitroaniline	10.60	138	147239	36.358	ng		94
62) Azobenzene	10.70	77	714487	42.819	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	31104	14.323	ng	#	81
65) n-Nitrosodiphenylamine	10.66	169	621193	47.261	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	222020	47.719	ng		90
67) Hexachlorobenzene	11.10	284	222491	43.124	ng	#	85
68) Atrazine	11.18	200	171019	43.962	ng		97
69) Pentachlorophenol	11.30	266	188852	74.357	ng		96
70) Phenanthrene	11.52	178	947929	50.012	ng		99
71) Anthracene	11.57	178	1048446	47.957	ng		100
72) Carbazole	11.74	167	983201	45.508	ng		99
73) Di-n-butylphthalate	12.04	149	1103697	46.826	ng		99
74) Fluoranthene	12.71	202	1084716	48.713	ng		96
76) Benzidine	12.87	184	23106m	2.094	ng		
77) Pyrene	12.94	202	1068520	43.477	ng		98
79) Butylbenzylphthalate	13.54	149	472212	43.876	ng	#	90
80) Benzo(a)anthracene	14.14	228	894902	46.287	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	159173	21.238	ng	#	96
82) Chrysene	14.17	228	1017987	48.817	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	654461	48.371	ng		100
84) Di-n-octyl phthalate	14.71	149	1136436	52.329	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	714647	45.055	ng		94
87) Benzo(b)fluoranthene	15.22	252	782033	52.626	ng		98
88) Benzo(k)fluoranthene	15.25	252	842054	46.154	ng		98
89) Benzo(a)pyrene	15.61	252	746326	48.650	ng		98
90) Dibenzo(a,h)anthracene	17.27	278	620147	46.343	ng		97
91) Benzo(g,h,i)perylene	17.74	276	580431	44.828	ng	#	93

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

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