Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
Data File : BF104016.D
Acq On : 28 Mar 2018 18:04
Operator : JU/SJ
Sample : J2087-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JRS-RB201719RT-CV-2530MSD

Manual Integrations APPROVED
Sohil
3/29/2018 5:36:24 PM

Quant Time: Mar 28 18:53:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 13:41:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	138606	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	556846	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	224357	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	257045	20.00	ng		0.02
75) Chrysene-d12	14.16	240	226838	20.00	ng		0.00
86) Perylene-d12	15.70	264	250255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1176204	135.33	ng		0.00
7) Phenol-d6	6.61	99	1383087	129.34	ng		0.00
23) Nitrobenzene-d5	7.53	82	836229	91.84	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	248190	99.35	ng		0.01
44) 2-Fluorobiphenyl	9.32	172	1307311	91.89	ng		0.00
78) Terphenyl-d14	13.09	244	842082	85.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	137215	36.605	ng	#	89
3) Pyridine	3.70	79	135393m	14.267	ng		
4) n-Nitrosodimethylamine	3.63	42	132999m	47.151	ng		
6) Aniline	6.65	93	324662	25.362	ng	#	79
8) 2-Chlorophenol	6.76	128	453276	47.543	ng		94
9) Benzaldehyde	6.52	77	192009	32.729	ng		97
10) Phenol	6.62	94	542119	45.757	ng		96
11) bis(2-Chloroethyl)ether	6.70	93	413909	40.541	ng		90
12) 1,3-Dichlorobenzene	6.91	146	451012	42.083	ng		98
13) 1,4-Dichlorobenzene	6.98	146	486636	42.377	ng		99
14) 1,2-Dichlorobenzene	7.13	146	422493	40.933	ng		99
15) Benzyl Alcohol	7.11	79	329217	47.353	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	490863	44.131	ng		60
17) 2-Methylphenol	7.22	107	351017	45.236	ng	#	91
18) Hexachloroethane	7.47	117	156396	40.677	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	279851	44.100	ng		93
20) 3+4-Methylphenols	7.37	107	436509	44.077	ng	#	70
22) Acetophenone	7.38	105	588064	43.648	ng	#	98
24) Nitrobenzene	7.56	77	432257	45.119	ng		94
25) Isophorone	7.79	82	811742	48.374	ng		98
26) 2-Nitrophenol	7.87	139	248073	49.606	ng	#	89
27) 2,4-Dimethylphenol	7.90	122	388377	53.849	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	533747	50.750	ng		99
29) 2,4-Dichlorophenol	8.11	162	376081	49.923	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	375077	43.882	ng		99
31) Naphthalene	8.27	128	1268682	46.636	ng		100
32) Benzoic acid	8.04	122	237255	44.905	ng		95
33) 4-Chloroaniline	8.33	127	317902	27.719	ng		97
34) Hexachlorobutadiene	8.37	225	195827	42.102	ng		99
35) Caprolactam	8.69	113	101000m	42.283	ng		
36) 4-Chloro-3-methylphenol	8.80	107	395278	49.608	ng		100
37) 2-Methylnaphthalene	8.96	142	791797	44.187	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	346733	50.397	ng		98
40) Hexachlorocyclopentadiene	9.10	237	113170	37.980	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	231162	53.061	ng		99
43) 2,4,5-Trichlorophenol	9.29	196	259261	49.288	ng		97
45) 1,1'-Biphenyl	9.43	154	901254	46.804	ng		98
46) 2-Chloronaphthalene	9.46	162	718419	47.298	ng		99
47) 2-Nitroaniline	9.56	65	218151	50.367	ng		96
48) Acenaphthylene	9.87	152	964510	41.915	ng		99
49) Dimethylphthalate	9.73	163	930036	52.504	ng		99
50) 2,6-Dinitrotoluene	9.80	165	185345	48.635	ng		88
51) Acenaphthene	10.05	154	539556	40.532	ng		99
52) 3-Nitroaniline	9.97	138	143498	32.756	ng	#	95
53) 2,4-Dinitrophenol	10.08	184	131945	79.355	ng	#	26
54) Dibenzofuran	10.22	168	809063	41.620	ng		98
55) 4-Nitrophenol	10.15	139	255662	97.330	ng		90
56) 2,4-Dinitrotoluene	10.20	165	212581	43.715	ng	#	94
57) Fluorene	10.57	166	578039	36.048	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.34	232	162349	41.195	ng	#	89
59) Diethylphthalate	10.43	149	660649	38.931	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	272943	37.060	ng		97
61) 4-Nitroaniline	10.60	138	130151	31.751	ng		95
62) Azobenzene	10.72	77	557439	36.328	ng		93
64) 4,6-Dinitro-2-methylphenol	10.62	198	72351	46.499	ng		78
65) n-Nitrosodiphenylamine	10.67	169	551075	63.304	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	155002	56.364	ng		97
67) Hexachlorobenzene	11.12	284	159109	50.297	ng		93
68) Atrazine	11.20	200	148375	55.635	ng		90
69) Pentachlorophenol	11.32	266	156031	89.636	ng		95
70) Phenanthrene	11.54	178	662721	47.621	ng		99
71) Anthracene	11.60	178	679635	46.754	ng		98
72) Carbazole	11.75	167	587587	42.352	ng		96
73) Di-n-butylphthalate	12.06	149	794744	48.091	ng		100
74) Fluoranthene	12.73	202	673257	45.513	ng		98
76) Benzidine	12.86	184	105765	16.361	ng	#	83
77) Pyrene	12.97	202	687330	42.151	ng		99
79) Butylbenzylphthalate	13.56	149	354160	46.100	ng		98
80) Benzo(a)anthracene	14.15	228	640630	45.135	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	152426	32.444	ng		99
82) Chrysene	14.19	228	623883	44.877	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	489508	49.315	ng		100
84) Di-n-octyl phthalate	14.73	149	818764	47.952	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.29	276	705268	48.956	ng		96
87) Benzo(b)fluoranthene	15.24	252	665073	43.668	ng		97
88) Benzo(k)fluoranthene	15.27	252	651233	45.392	ng		98
89) Benzo(a)pyrene	15.64	252	646383	45.798	ng		99
90) Dibenzo(a,h)anthracene	17.31	278	589923	45.208	ng		98
91) Benzo(g,h,i)perylene	17.78	276	566459	43.340	ng		95

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

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