Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104187.D
Acq On : 3 Apr 2018 18:52
Operator : JU/SJ
Sample : J2182-12MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
6-WM-DIP-6-EW(2.5-5)MS

Manual Integrations APPROVED
Sohil
4/4/2018 4:09:40 PM

Quant Time: Apr 04 01:22:43 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 15:22:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	105703	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	434796	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	198111	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	342012	20.00	ng		0.00
75) Chrysene-d12	14.16	240	216466	20.00	ng		0.00
86) Perylene-d12	15.70	264	225355	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	868671	131.06	ng		0.01
7) Phenol-d6	6.60	99	1048717	128.60	ng		0.00
23) Nitrobenzene-d5	7.53	82	613970	86.36	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	275370	124.83	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1075156	85.58	ng		0.00
78) Terphenyl-d14	13.08	244	913798	97.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	107162	37.486	ng	#	84
3) Pyridine	3.65	79	245123	33.871	ng	#	86
4) n-Nitrosodimethylamine	3.62	42	74477	34.622	ng	#	72
6) Aniline	6.64	93	99720	10.215	ng	#	54
8) 2-Chlorophenol	6.75	128	342697	47.134	ng		97
9) Benzaldehyde	6.52	77	84057	16.506	ng		92
10) Phenol	6.62	94	418049	46.268	ng		97
11) bis(2-Chloroethyl)ether	6.70	93	264522	33.974	ng		93
12) 1,3-Dichlorobenzene	6.90	146	336976	41.230	ng		97
13) 1,4-Dichlorobenzene	6.98	146	378663	43.239	ng		99
14) 1,2-Dichlorobenzene	7.13	146	335465	42.618	ng		100
15) Benzyl Alcohol	7.10	79	236898	44.681	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.23	45	354544	41.797	ng		59
17) 2-Methylphenol	7.22	107	258790	43.732	ng	#	89
18) Hexachloroethane	7.46	117	126280	43.068	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	215217	44.471	ng		90
20) 3+4-Methylphenols	7.37	107	342520	45.352	ng	#	53
22) Acetophenone	7.37	105	454637	43.217	ng	#	97
24) Nitrobenzene	7.55	77	297635	39.788	ng		93
25) Isophorone	7.78	82	601188	45.884	ng		97
26) 2-Nitrophenol	7.86	139	183794	47.069	ng		91
27) 2,4-Dimethylphenol	7.89	122	297476	52.824	ng		100
28) bis(2-Chloroethoxy)methane	7.99	93	391636	47.691	ng		99
29) 2,4-Dichlorophenol	8.10	162	283186	48.144	ng		99
30) 1,2,4-Trichlorobenzene	8.18	180	290752	43.565	ng		98
31) Naphthalene	8.26	128	1026223	48.313	ng		99
32) Benzoic acid	7.99	122	40957	9.928	ng	#	76
33) 4-Chloroaniline	8.34	127	50980	5.693	ng		93
34) Hexachlorobutadiene	8.37	225	155533	42.826	ng		98
35) Caprolactam	8.69	113	83673m	44.862	ng		
36) 4-Chloro-3-methylphenol	8.80	107	294811	47.385	ng		99
37) 2-Methylnaphthalene	8.96	142	640247	45.759	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	274742	45.224	ng		98
40) Hexachlorocyclopentadiene	9.10	237	146080	53.031	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	174916	45.470	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	202399	43.575	ng		95
45) 1,1'-Biphenyl	9.42	154	760697	44.738	ng		98
46) 2-Chloronaphthalene	9.45	162	597961	44.583	ng		98
47) 2-Nitroaniline	9.55	65	166939	43.650	ng		93
48) Acenaphthylene	9.87	152	871107	42.871	ng		100
49) Dimethylphthalate	9.72	163	796589	50.928	ng		100
50) 2,6-Dinitrotoluene	9.79	165	154029	45.772	ng		87
51) Acenaphthene	10.04	154	512701	43.617	ng		99
52) 3-Nitroaniline	9.97	138	63173	16.331	ng		95
53) 2,4-Dinitrophenol	10.08	184	35623	28.132	ng	#	37
54) Dibenzofuran	10.21	168	771964	44.973	ng		98
55) 4-Nitrophenol	10.14	139	169995	73.291	ng		97
56) 2,4-Dinitrotoluene	10.20	165	190486	44.361	ng	#	98
57) Fluorene	10.56	166	625801	44.197	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	163054	46.855	ng	#	85
59) Diethylphthalate	10.42	149	637995	42.577	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	287265	44.172	ng		96
61) 4-Nitroaniline	10.59	138	129471	35.769	ng		95
62) Azobenzene	10.70	77	574261	42.383	ng		91
64) 4,6-Dinitro-2-methylphenol	10.62	198	62997	30.429	ng	#	76
65) n-Nitrosodiphenylamine	10.66	169	540950	46.703	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	170363	46.560	ng	#	90
67) Hexachlorobenzene	11.10	284	182373	43.329	ng	#	89
68) Atrazine	11.19	200	164453	46.345	ng		99
69) Pentachlorophenol	11.30	266	165541	71.473	ng		97
70) Phenanthrene	11.53	178	1051994	56.813	ng		99
71) Anthracene	11.57	178	991922	51.285	ng		100
72) Carbazole	11.73	167	823734	44.622	ng		99
73) Di-n-butylphthalate	12.04	149	930826	42.332	ng		99
74) Fluoranthene	12.72	202	1093078	55.535	ng		97
76) Benzidine	12.84	184	128452	20.823	ng		97
77) Pyrene	12.95	202	1015247	65.244	ng		100
79) Butylbenzylphthalate	13.54	149	333272	45.460	ng		99
80) Benzo(a)anthracene	14.14	228	726305	53.623	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	100766	22.476	ng		99
82) Chrysene	14.19	228	694855	52.377	ng		98
83) Bis(2-ethylhexyl)phthalate	14.10	149	443646	46.836	ng		99
84) Di-n-octyl phthalate	14.73	149	727189	44.629	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.31	276	766508	55.757	ng		94
87) Benzo(b)fluoranthene	15.24	252	663125	48.351	ng		99
88) Benzo(k)fluoranthene	15.27	252	653433	50.577	ng		99
89) Benzo(a)pyrene	15.64	252	653936	51.453	ng		98
90) Dibenzo(a,h)anthracene	17.32	278	593541	50.511	ng		98
91) Benzo(g,h,i)perylene	17.80	276	673933	57.260	ng		95

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

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