Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104188.D
Acq On : 3 Apr 2018 19:19
Operator : JU/SJ
Sample : J2182-12MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
4/4/2018 4:09:43 PM

Quant Time: Apr 04 01:24:21 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	103355	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	418956	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	191534	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	326788	20.00	ng		0.00
75) Chrysene-d12	14.16	240	213012	20.00	ng		0.00
86) Perylene-d12	15.69	264	225431	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	734871	113.39	ng		0.01
7) Phenol-d6	6.60	99	906714	113.72	ng		0.00
23) Nitrobenzene-d5	7.53	82	521805	76.17	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	237001	111.13	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	948683	78.11	ng		0.00
78) Terphenyl-d14	13.08	244	842728	91.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	96985	34.697	ng	#	87
3) Pyridine	3.65	79	215494	30.453	ng	#	86
4) n-Nitrosodimethylamine	3.62	42	62544	29.736	ng	#	76
6) Aniline	6.63	93	97731	10.239	ng	#	46
8) 2-Chlorophenol	6.75	128	301961	42.474	ng		94
9) Benzaldehyde	6.52	77	69163	13.535	ng		93
10) Phenol	6.62	94	350777	39.705	ng		97
11) bis(2-Chloroethyl)ether	6.70	93	231483	30.406	ng		92
12) 1,3-Dichlorobenzene	6.90	146	298221	37.317	ng		99
13) 1,4-Dichlorobenzene	6.97	146	336953	39.351	ng		99
14) 1,2-Dichlorobenzene	7.13	146	300355	39.025	ng		100
15) Benzyl Alcohol	7.10	79	210623	40.627	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	315414	38.029	ng	#	44
17) 2-Methylphenol	7.22	107	228665	39.519	ng	#	88
18) Hexachloroethane	7.46	117	111806	38.998	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	191421	40.453	ng		89
20) 3+4-Methylphenols	7.37	107	306356	41.485	ng	#	53
22) Acetophenone	7.37	105	411431	40.589	ng	#	97
24) Nitrobenzene	7.55	77	270575	37.538	ng		96
25) Isophorone	7.77	82	527834	41.808	ng		99
26) 2-Nitrophenol	7.86	139	159446	42.377	ng		89
27) 2,4-Dimethylphenol	7.89	122	259011	47.732	ng		97
28) bis(2-Chloroethoxy)methane	7.98	93	337324	42.630	ng		99
29) 2,4-Dichlorophenol	8.10	162	243614	42.982	ng		97
30) 1,2,4-Trichlorobenzene	8.18	180	257336	40.016	ng		98
31) Naphthalene	8.26	128	881632	43.075	ng		99
32) Benzoic acid	8.00	122	47089	11.846	ng	#	87
33) 4-Chloroaniline	8.34	127	54424	6.307	ng		93
34) Hexachlorobutadiene	8.37	225	137948	39.420	ng		98
35) Caprolactam	8.69	113	71576m	39.827	ng		
36) 4-Chloro-3-methylphenol	8.80	107	256495	42.785	ng		97
37) 2-Methylnaphthalene	8.96	142	557638	41.362	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	245344	41.772	ng		99
40) Hexachlorocyclopentadiene	9.10	237	114619	44.054	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	154128	41.442	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	181293	40.372	ng		94
45) 1,1'-Biphenyl	9.42	154	674011	41.001	ng		99
46) 2-Chloronaphthalene	9.45	162	530239	40.891	ng		100
47) 2-Nitroaniline	9.55	65	145758	39.420	ng		93
48) Acenaphthylene	9.86	152	764649	38.924	ng		99
49) Dimethylphthalate	9.72	163	697564	46.128	ng		100
50) 2,6-Dinitrotoluene	9.79	165	132302	40.666	ng		95
51) Acenaphthene	10.03	154	446575	39.296	ng		99
52) 3-Nitroaniline	9.97	138	52895	14.143	ng		96
53) 2,4-Dinitrophenol	10.09	184	30842	25.775	ng	#	39
54) Dibenzofuran	10.21	168	684390	41.240	ng		99
55) 4-Nitrophenol	10.14	139	143677	64.071	ng		97
56) 2,4-Dinitrotoluene	10.20	165	162685	39.187	ng	#	95
57) Fluorene	10.56	166	551023	40.252	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	144939	43.080	ng	#	86
59) Diethylphthalate	10.41	149	571362	39.440	ng		99
60) 4-Chlorophenyl-phenylether	10.54	204	258982	41.191	ng		94
61) 4-Nitroaniline	10.59	138	106265	30.366	ng		95
62) Azobenzene	10.70	77	500140	38.180	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	50204	25.380	ng		86
65) n-Nitrosodiphenylamine	10.66	169	477343	43.131	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	147760	42.264	ng	#	89
67) Hexachlorobenzene	11.10	284	163703	40.705	ng	#	88
68) Atrazine	11.19	200	144681	42.672	ng		98
69) Pentachlorophenol	11.30	266	139540	63.054	ng		96
70) Phenanthrene	11.52	178	874261	49.414	ng		99
71) Anthracene	11.57	178	824931	44.638	ng		99
72) Carbazole	11.73	167	725672	41.142	ng		100
73) Di-n-butylphthalate	12.04	149	835997	39.791	ng		99
74) Fluoranthene	12.72	202	926233	49.251	ng		98
76) Benzidine	12.85	184	186448	30.715	ng		96
77) Pyrene	12.95	202	869577	56.789	ng		99
79) Butylbenzylphthalate	13.55	149	304173	42.163	ng		96
80) Benzo(a)anthracene	14.14	228	621939	46.662	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	105522	23.918	ng		99
82) Chrysene	14.18	228	635883	48.709	ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	404130	43.356	ng		98
84) Di-n-octyl phthalate	14.72	149	676775	42.209	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.30	276	710332	52.508	ng		95
87) Benzo(b)fluoranthene	15.23	252	595162	43.381	ng		97
88) Benzo(k)fluoranthene	15.27	252	587442	45.454	ng		98
89) Benzo(a)pyrene	15.63	252	584271	45.956	ng		98
90) Dibenzo(a,h)anthracene	17.30	278	549958	46.786	ng		98
91) Benzo(g,h,i)perylene	17.78	276	616351	52.350	ng		95

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

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