Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
Data File : BF104788.D
Acq On : 25 Apr 2018 14:59
Operator : JU/SJ
Sample : J2470-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HW-12-4-18-18MSD

Manual Integrations APPROVED

Sohil

4/26/2018 6:09:34 PM

Quant Time: Apr 26 11:06:33 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 14:01:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115636	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	510621	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	258255	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	473203	20.00	ng		0.00
75) Chrysene-d12	14.00	240	276206	20.00	ng		0.01
86) Perylene-d12	15.50	264	228211	20.00	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	477595	63.15	ng		0.00
7) Phenol-d6	6.44	99	426422	45.89	ng		0.00
23) Nitrobenzene-d5	7.37	82	743771	95.11	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	355685	132.77	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1451284	88.78	ng		0.00
78) Terphenyl-d14	12.93	244	1335676	110.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	50410	14.305	ng		88
3) Pyridine	3.28	79	105890	10.688	ng		85
4) n-Nitrosodimethylamine	3.22	42	55081	15.904	ng		87
6) Aniline	6.46	93	181989	14.097	ng		98
8) 2-Chlorophenol	6.59	128	297960	37.329	ng		95
9) Benzaldehyde	6.35	77	143772	27.582	ng		96
10) Phenol	6.45	94	168271	17.068	ng		88
11) bis(2-Chloroethyl)ether	6.53	93	313467	39.843	ng		96
12) 1,3-Dichlorobenzene	6.74	146	327142	36.177	ng		100
13) 1,4-Dichlorobenzene	6.82	146	334787	37.140	ng		99
14) 1,2-Dichlorobenzene	6.97	146	320912	38.417	ng		100
15) Benzyl Alcohol	6.95	79	201103	28.495	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	384752	36.415	ng		68
17) 2-Methylphenol	7.06	107	238373	34.355	ng	#	91
18) Hexachloroethane	7.31	117	120201	37.400	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	244871	40.328	ng		92
20) 3+4-Methylphenols	7.22	107	259863	30.198	ng	#	59
22) Acetophenone	7.21	105	489183	38.913	ng		99
24) Nitrobenzene	7.39	77	373182	43.224	ng		93
25) Isophorone	7.63	82	710779	42.983	ng		99
26) 2-Nitrophenol	7.70	139	198504	56.477	ng		95
27) 2,4-Dimethylphenol	7.75	122	313518	42.960	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	449681	44.477	ng		99
29) 2,4-Dichlorophenol	7.95	162	295661	42.460	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	300340	39.301	ng		99
31) Naphthalene	8.11	128	1011076	39.765	ng		100
33) 4-Chloroaniline	8.16	127	148194	13.605	ng		97
34) Hexachlorobutadiene	8.22	225	161449	38.571	ng		97
35) Caprolactam	8.54	113	16998m	6.998	ng		
36) 4-Chloro-3-methylphenol	8.65	107	328498	43.996	ng		99
37) 2-Methylnaphthalene	8.80	142	721109	43.845	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	316433	42.803	ng		98
40) Hexachlorocyclopentadiene	8.95	237	196277	47.425	ng		98
42) 2,4,6-Trichlorophenol	9.08	196	227631	44.356	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.13	196	245322	42.718	ng		98
45) 1,1'-Biphenyl	9.27	154	880015	40.563	ng		98
46) 2-Chloronaphthalene	9.29	162	697463	40.701	ng		100
47) 2-Nitroaniline	9.40	65	216252	51.029	ng		87
48) Acenaphthylene	9.71	152	1035414	38.510	ng		99
49) Dimethylphthalate	9.57	163	922911	45.318	ng		99
50) 2,6-Dinitrotoluene	9.64	165	195502	51.879	ng		96
51) Acenaphthene	9.88	154	621420	37.881	ng		99
52) 3-Nitroaniline	9.80	138	96134	21.791	ng		99
53) 2,4-Dinitrophenol	9.92	184	98820	68.279	ng	#	23
54) Dibenzofuran	10.06	168	925143	40.468	ng		100
55) 4-Nitrophenol	9.98	139	110337	31.839	ng		98
56) 2,4-Dinitrotoluene	10.05	165	245145	49.594	ng		93
57) Fluorene	10.40	166	753103	45.258	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	188824	44.073	ng		95
59) Diethylphthalate	10.27	149	898996	44.324	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	355960	48.034	ng		99
61) 4-Nitroaniline	10.43	138	189803	44.001	ng		99
62) Azobenzene	10.55	77	787017	40.615	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	90629	40.653	ng		86
65) n-Nitrosodiphenylamine	10.51	169	700433	42.691	ng		99
66) 4-Bromophenyl-phenylether	10.87	248	226912	45.082	ng		98
67) Hexachlorobenzene	10.95	284	251477	44.402	ng		93
68) Atrazine	11.04	200	233484	47.145	ng		99
69) Pentachlorophenol	11.15	266	182487	52.083	ng		96
70) Phenanthrene	11.36	178	1072375	40.694	ng		99
71) Anthracene	11.42	178	1108719	41.389	ng		99
72) Carbazole	11.57	167	1002287	38.290	ng		99
73) Di-n-butylphthalate	11.89	149	1365992	42.720	ng		99
74) Fluoranthene	12.55	202	1052701	38.234	ng		99
76) Benzidine	12.67	184	256704	24.076	ng		98
77) Pyrene	12.79	202	1010633	49.363	ng		99
79) Butylbenzylphthalate	13.40	149	525652	54.498	ng		95
80) Benzo(a)anthracene	13.99	228	770390	46.688	ng		99
81) 3,3'-Dichlorobenzidine	13.95	252	183317	29.796	ng	#	97
82) Chrysene	14.03	228	725328	42.795	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	728664	58.734	ng		98
84) Di-n-octyl phthalate	14.62	149	1065099	51.380	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.98	276	629802	43.743	ng		95
87) Benzo(b)fluoranthene	15.07	252	674462	46.794	ng		99
88) Benzo(k)fluoranthene	15.10	252	550396	40.448	ng		99
89) Benzo(a)pyrene	15.44	252	578554	44.862	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	534780	50.490	ng		97
91) Benzo(g,h,i)perylene	17.43	276	518051	50.484	ng		94

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

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