Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
Data File : BF102833.D
Acq On : 7 Feb 2018 23:56
Operator : SJ/JU
Sample : J1471-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3N-15MSD

Manual Integrations APPROVED
Sohil
2/8/2018 1:41:47 PM

Quant Time: Feb 08 06:38:34 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	199192	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	805818	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	326961	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	477256	20.00	ng		0.00
75) Chrysene-d12	14.06	240	338752	20.00	ng		0.00
86) Perylene-d12	15.54	264	277335	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1400292	106.76	ng		0.02
7) Phenol-d6	6.52	99	1678212	106.26	ng		0.02
23) Nitrobenzene-d5	7.45	82	1049686	90.36	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	281471	106.96	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1456599	73.92	ng		0.00
78) Terphenyl-d14	13.00	244	1060883	74.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	226945	35.031	ng	#	86
3) Pyridine	3.49	79	611461	34.162	ng		87
4) n-Nitrosodimethylamine	3.44	42	328209	42.858	ng		99
6) Aniline	6.55	93	374398	16.053	ng		95
8) 2-Chlorophenol	6.67	128	556864	41.239	ng		96
9) Benzaldehyde	6.43	77	177174	15.107	ng		99
10) Phenol	6.53	94	731337	43.211	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	564737	40.099	ng		92
12) 1,3-Dichlorobenzene	6.83	146	579573	37.064	ng		98
13) 1,4-Dichlorobenzene	6.90	146	584983	37.555	ng		100
14) 1,2-Dichlorobenzene	7.06	146	538115	37.090	ng		99
15) Benzyl Alcohol	7.03	79	483454	39.817	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	991664	37.067	ng		97
17) 2-Methylphenol	7.14	107	479509	38.498	ng		99
18) Hexachloroethane	7.40	117	168020	31.456	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	375531	36.065	ng		93
20) 3+4-Methylphenols	7.29	107	550388	35.833	ng	#	66
22) Acetophenone	7.30	105	731297	37.086	ng	#	95
24) Nitrobenzene	7.47	77	601993	44.056	ng		98
25) Isophorone	7.71	82	1084782	40.556	ng		99
26) 2-Nitrophenol	7.79	139	282771	49.945	ng		95
27) 2,4-Dimethylphenol	7.82	122	507876	44.943	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	693120	43.743	ng		99
29) 2,4-Dichlorophenol	8.03	162	440916	42.920	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	433259	37.281	ng		100
31) Naphthalene	8.19	128	1504464	38.213	ng		100
32) Benzoic acid	7.90	122	77671m	17.603	ng		
33) 4-Chloroaniline	8.24	127	177807	10.484	ng		97
34) Hexachlorobutadiene	8.30	225	220509	37.028	ng		96
35) Caprolactam	8.61	113	147669m	41.391	ng		
36) 4-Chloro-3-methylphenol	8.72	107	480040	41.589	ng		99
37) 2-Methylnaphthalene	8.89	142	967906	37.550	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	367950	41.331	ng		98
40) Hexachlorocyclopentadiene	9.03	237	33630	7.946	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	271408	46.415	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	281771	42.753	ng		97
45) 1,1'-Biphenyl	9.35	154	1075767	39.063	ng		99
46) 2-Chloronaphthalene	9.37	162	854937	39.433	ng		98
47) 2-Nitroaniline	9.47	65	325679	48.631	ng		90
48) Acenaphthylene	9.79	152	1241354	36.864	ng		99
49) Dimethylphthalate	9.65	163	1127894	44.242	ng		100
50) 2,6-Dinitrotoluene	9.71	165	217787	44.902	ng		96
51) Acenaphthene	9.96	154	720392	35.773	ng		99
52) 3-Nitroaniline	9.87	138	191104	32.022	ng		99
53) 2,4-Dinitrophenol	9.98	184	15001	22.530	ng	#	17
54) Dibenzofuran	10.13	168	1074840	37.874	ng		98
55) 4-Nitrophenol	10.04	139	358233	73.393	ng		93
56) 2,4-Dinitrotoluene	10.12	165	267621	41.581	ng		92
57) Fluorene	10.47	166	774229	37.496	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	192578	42.159	ng		98
59) Diethylphthalate	10.35	149	932888	37.059	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	353206	38.668	ng		97
61) 4-Nitroaniline	10.49	138	208151	36.642	ng		93
62) Azobenzene	10.63	77	877594	34.898	ng		95
64) 4,6-Dinitro-2-methylphenol	10.52	198	17078	16.557	ng		87
65) n-Nitrosodiphenylamine	10.59	169	732167	43.493	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	211284	41.851	ng		91
67) Hexachlorobenzene	11.02	284	220092	39.518	ng		94
68) Atrazine	11.11	200	204168	41.111	ng		98
69) Pentachlorophenol	11.22	266	221365	67.709	ng		99
70) Phenanthrene	11.44	178	1023165	38.494	ng		99
71) Anthracene	11.49	178	1041794	38.536	ng		100
72) Carbazole	11.64	167	993287	37.503	ng		100
73) Di-n-butylphthalate	11.97	149	1286396	39.984	ng		99
74) Fluoranthene	12.63	202	992690	37.120	ng		99
76) Benzidine	12.74	184	657596	42.237	ng		99
77) Pyrene	12.86	202	1006826	37.903	ng		100
79) Butylbenzylphthalate	13.47	149	530847	41.911	ng		99
80) Benzo(a)anthracene	14.04	228	856500	40.203	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	336486	42.598	ng		97
82) Chrysene	14.08	228	819460	38.157	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	708176	43.520	ng	#	99
84) Di-n-octyl phthalate	14.64	149	1204197	49.285	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	603289	33.871	ng		99
87) Benzo(b)fluoranthene	15.10	252	729965	40.597	ng		97
88) Benzo(k)fluoranthene	15.13	252	691311	40.238	ng		99
89) Benzo(a)pyrene	15.47	252	640473	39.573	ng	#	96
90) Dibenzo(a,h)anthracene	17.06	278	505640	38.491	ng		96
91) Benzo(g,h,i)perylene	17.50	276	486241	37.816	ng		98

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

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