Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102792.D
Acq On : 6 Feb 2018 18:56
Operator : SJ/JU
Sample : J1455-03MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LW-01-BMSD

Manual Integrations APPROVED
Sohil
2/7/2018 4:18:03 PM

Quant Time: Feb 07 00:44:30 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	6.88	152	204732	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	809654	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	326378	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	439098	20.00	ng		0.00
75) Chrysene-d12	14.05	240	337031	20.00	ng		0.00
86) Perylene-d12	15.53	264	328616	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	797795	59.18	ng		0.00
7) Phenol-d6	6.50	99	603907	37.20	ng		0.00
23) Nitrobenzene-d5	7.45	82	1223938	104.87	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	309995	118.01	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1891123	96.15	ng		0.00
78) Terphenyl-d14	12.99	244	1230338	86.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	101966	15.313	ng		86
3) Pyridine	3.49	79	210649	11.450	ng	#	85
4) n-Nitrosodimethylamine	3.42	42	138849	17.640	ng	#	95
6) Aniline	6.55	93	436552	18.212	ng		94
8) 2-Chlorophenol	6.67	128	502361	36.196	ng		95
9) Benzaldehyde	6.43	77	222330	18.444	ng		97
10) Phenol	6.52	94	239421m	13.763	ng		
11) bis(2-Chloroethyl)ether	6.62	93	598047	41.315	ng		89
12) 1,3-Dichlorobenzene	6.83	146	609367	37.915	ng		98
13) 1,4-Dichlorobenzene	6.90	146	622716	38.896	ng		98
14) 1,2-Dichlorobenzene	7.06	146	570527	38.260	ng		98
15) Benzyl Alcohol	7.02	79	332816	26.669	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1112881	40.472	ng		97
17) 2-Methylphenol	7.13	107	358023	27.966	ng		100
18) Hexachloroethane	7.40	117	202261	36.842	ng		97
19) n-Nitroso-di-n-propylamine	7.30	70	432957	40.455	ng		94
20) 3+4-Methylphenols	7.29	107	365812	23.171	ng	#	61
22) Acetophenone	7.29	105	840737	42.434	ng		96
24) Nitrobenzene	7.47	77	643583	46.881	ng		99
25) Isophorone	7.70	82	1218664	45.345	ng		99
26) 2-Nitrophenol	7.78	139	270898	48.024	ng		97
27) 2,4-Dimethylphenol	7.82	122	494935	43.590	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	762065	47.867	ng		99
29) 2,4-Dichlorophenol	8.02	162	452489	43.838	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	475366	40.710	ng		99
31) Naphthalene	8.19	128	1617390	40.887	ng		99
32) Benzoic acid	7.89	122	78789m	17.687	ng		
33) 4-Chloroaniline	8.23	127	416432	24.437	ng		98
34) Hexachlorobutadiene	8.30	225	228376	38.168	ng		99
35) Caprolactam	8.61	113	22193	6.191	ng	#	87
36) 4-Chloro-3-methylphenol	8.71	107	446457	38.497	ng		96
37) 2-Methylnaphthalene	8.88	142	1077546	41.605	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	420783	47.350	ng		99
40) Hexachlorocyclopentadiene	9.03	237	142259	33.674	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	288618	49.446	ng		96
43) 2,4,5-Trichlorophenol	9.19	196	295354	44.894	ng		98
45) 1,1'-Biphenyl	9.35	154	1221547	44.436	ng		100
46) 2-Chloronaphthalene	9.37	162	969976	44.819	ng		99
47) 2-Nitroaniline	9.46	65	344546	51.333	ng		88
48) Acenaphthylene	9.79	152	1410104	41.950	ng		99
49) Dimethylphthalate	9.65	163	1172641	46.079	ng		99
50) 2,6-Dinitrotoluene	9.70	165	237111	48.974	ng		92
51) Acenaphthene	9.96	154	822891	40.936	ng		98
52) 3-Nitroaniline	9.87	138	217561	36.520	ng		95
53) 2,4-Dinitrophenol	9.97	184	15754	23.163	ng	#	27
54) Dibenzofuran	10.13	168	1234073	43.562	ng		96
55) 4-Nitrophenol	10.03	139	123462	27.974	ng		94
56) 2,4-Dinitrotoluene	10.11	165	284496	44.082	ng		93
57) Fluorene	10.47	166	860124	41.730	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	201354	44.159	ng		98
59) Diethylphthalate	10.34	149	1084014	43.140	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	407352	44.676	ng		98
61) 4-Nitroaniline	10.49	138	236524	41.711	ng		93
62) Azobenzene	10.62	77	1002740	39.945	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	16330	16.854	ng		94
65) n-Nitrosodiphenylamine	10.58	169	815097	52.627	ng		99
66) 4-Bromophenyl-phenylether	10.95	248	243328	52.387	ng		99
67) Hexachlorobenzene	11.02	284	238311	46.508	ng		93
68) Atrazine	11.11	200	210908	46.159	ng		95
69) Pentachlorophenol	11.21	266	232920	77.435	ng		98
70) Phenanthrene	11.43	178	1089595	44.555	ng		99
71) Anthracene	11.49	178	1117223	44.917	ng		99
72) Carbazole	11.64	167	1035908	42.512	ng		99
73) Di-n-butylphthalate	11.97	149	1392227	47.034	ng		99
74) Fluoranthene	12.62	202	1032860	41.979	ng		98
76) Benzidine	12.74	184	292214	18.865	ng		98
77) Pyrene	12.85	202	1053725	39.871	ng		99
79) Butylbenzylphthalate	13.46	149	553303	43.858	ng		98
80) Benzo(a)anthracene	14.04	228	1006033	47.463	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	341301	43.428	ng		100
82) Chrysene	14.08	228	958753	44.871	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	770965	47.620	ng		99
84) Di-n-octyl phthalate	14.63	149	1425891	58.656	ng		99
85) Indeno(1,2,3-cd)pyrene	17.03	276	813968	45.932	ng		99
87) Benzo(b)fluoranthene	15.10	252	1030031	48.346	ng		99
88) Benzo(k)fluoranthene	15.13	252	949718	46.653	ng		99
89) Benzo(a)pyrene	15.47	252	911656	47.538	ng		96
90) Dibenzo(a,h)anthracene	17.04	278	699303	44.926	ng		99
91) Benzo(g,h,i)perylene	17.48	276	662096	43.457	ng		96

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

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