Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099853.D
Acq On : 26 Oct 2017 10:45
Operator : SJ/JU
Sample : I6023-02MS
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-01-COMPMS

Quant Time: Oct 26 11:18:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	64013	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	260082	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	117439	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	209828	20.00	ng		0.00
75) Chrysene-d12	13.99	240	171678	20.00	ng		0.00
86) Perylene-d12	15.46	264	155003	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	459107	112.60	ng		0.00
7) Phenol-d6	6.44	99	538016	111.28	ng		0.00
23) Nitrobenzene-d5	7.36	82	299967	74.25	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	117900	110.16	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	567455	74.55	ng		0.00
78) Terphenyl-d14	12.92	244	512249	65.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	55708	30.940	ng	#	91
3) Pyridine	3.30	79	113590	26.234	ng		85
4) n-Nitrosodimethylamine	3.22	42	53607	34.655	ng	#	65
6) Aniline	6.46	93	167687	26.750	ng		94
8) 2-Chlorophenol	6.58	128	166958	38.420	ng		94
9) Benzaldehyde	6.35	77	86029	29.778	ng		92
10) Phenol	6.45	94	217373	40.951	ng		94
11) bis(2-Chloroethyl)ether	6.53	93	147430	35.967	ng		92
12) 1,3-Dichlorobenzene	6.73	146	166670	34.158	ng		96
13) 1,4-Dichlorobenzene	6.81	146	171512	34.634	ng		97
14) 1,2-Dichlorobenzene	6.96	146	161602	35.806	ng		97
15) Benzyl Alcohol	6.95	79	117960	38.366	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	187446	41.166	ng		71
17) 2-Methylphenol	7.06	107	132548	36.465	ng		97
18) Hexachloroethane	7.30	117	52582	31.827	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	102831	36.295	ng		90
20) 3+4-Methylphenols	7.22	107	172373	40.726	ng	#	80
22) Acetophenone	7.21	105	214699	36.255	ng		96
24) Nitrobenzene	7.38	77	151319	37.175	ng		95
25) Isophorone	7.62	82	285824	38.991	ng		97
26) 2-Nitrophenol	7.70	139	85768	36.789	ng	#	87
27) 2,4-Dimethylphenol	7.73	122	147277	42.875	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	192846	37.564	ng		100
29) 2,4-Dichlorophenol	7.95	162	141329	39.606	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	136737	35.863	ng		99
31) Naphthalene	8.10	128	454666	36.216	ng		99
32) Benzoic acid	7.86	122	32355	10.701	ng		92
33) 4-Chloroaniline	8.16	127	133712	25.793	ng	#	93
34) Hexachlorobutadiene	8.21	225	67760	34.552	ng		98
35) Caprolactam	8.53	113	42179	37.587	ng	#	77
36) 4-Chloro-3-methylphenol	8.65	107	136148	37.381	ng		88
37) 2-Methylnaphthalene	8.79	142	314038	37.327	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	128300	33.826	ng	#	98
40) Hexachlorocyclopentadiene	8.94	237	7255	20.765	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	89956	39.208	ng		100
43) 2,4,5-Trichlorophenol	9.13	196	94441	38.790	ng	#	91
45) 1,1'-Biphenyl	9.26	154	370354	34.860	ng		98
46) 2-Chloronaphthalene	9.29	162	288808	37.432	ng		94
47) 2-Nitroaniline	9.39	65	76474	37.765	ng		87
48) Acenaphthylene	9.70	152	428334	36.044	ng		99
49) Dimethylphthalate	9.56	163	353064	37.963	ng		99
50) 2,6-Dinitrotoluene	9.63	165	75230	38.478	ng	#	81
51) Acenaphthene	9.87	154	255614	35.203	ng		99
52) 3-Nitroaniline	9.81	138	70348	30.537	ng	#	81
53) 2,4-Dinitrophenol	9.94	184	11812	19.961	ng	#	81
54) Dibenzofuran	10.05	168	378741	36.952	ng		98
55) 4-Nitrophenol	9.99	139	87615	72.789	ng		85
56) 2,4-Dinitrotoluene	10.05	165	93953	39.903	ng	#	95
57) Fluorene	10.39	166	308453	36.347	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	66872	39.174	ng		95
59) Diethylphthalate	10.26	149	327947	36.109	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	142577	35.698	ng		97
61) 4-Nitroaniline	10.43	138	73200	33.305	ng		82
62) Azobenzene	10.54	77	285387	37.486	ng		92
64) 4,6-Dinitro-2-methylphenol	10.47	198	17581	13.329	ng	#	70
65) n-Nitrosodiphenylamine	10.50	169	279361	36.067	ng		98
66) 4-Bromophenyl-phenylether	10.87	248	81562	36.923	ng		91
67) Hexachlorobenzene	10.94	284	81510	36.068	ng		96
68) Atrazine	11.03	200	86293	37.088	ng		99
69) Pentachlorophenol	11.15	266	60390	62.538	ng		97
70) Phenanthrene	11.36	178	439297	37.098	ng		99
71) Anthracene	11.41	178	449362	37.385	ng		99
72) Carbazole	11.57	167	429218	37.973	ng		99
73) Di-n-butylphthalate	11.89	149	529997	36.762	ng	#	98
74) Fluoranthene	12.55	202	459037	37.301	ng		97
76) Benzidine	12.67	184	240386	32.000	ng		97
77) Pyrene	12.78	202	467944	35.846	ng		99
79) Butylbenzylphthalate	13.39	149	224148	34.869	ng		91
80) Benzo(a)anthracene	13.97	228	400944	36.841	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	141953	35.932	ng		99
82) Chrysene	14.02	228	381955	37.331	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	317364	35.156	ng	#	99
84) Di-n-octyl phthalate	14.56	149	558542	36.048	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.94	276	298738	31.805	ng		97
87) Benzo(b)fluoranthene	15.03	252	363401	37.128	ng		99
88) Benzo(k)fluoranthene	15.06	252	373733	40.493	ng		98
89) Benzo(a)pyrene	15.40	252	342357	38.939	ng		99
90) Dibenzo(a,h)anthracene	16.94	278	257499	32.960	ng		97
91) Benzo(g,h,i)perylene	17.39	276	234178	30.639	ng		98

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

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