Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
Data File : BF105083.D
Acq On : 3 May 2018 20:04
Operator : JU/SJ
Sample : J2667-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 285-147-7212002-RB26667MS

Quant Time: May 04 01:57:53 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 02 17:25:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	101862	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	438331	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	201589	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	337127	20.00	ng		0.00
75) Chrysene-d12	13.99	240	199113	20.00	ng		-0.04
86) Perylene-d12	15.53	264	182835	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	665113	99.84	ng		0.00
7) Phenol-d6	6.44	99	777684	95.01	ng		0.00
23) Nitrobenzene-d5	7.35	82	483548	72.03	ng		-0.02
41) 2,4,6-Tribromophenol	10.62	330	207807	99.38	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	928577	72.77	ng		-0.02
78) Terphenyl-d14	12.90	244	776086	88.86	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	71424	23.010	ng		88
3) Pyridine	3.28	79	180716	20.707	ng	#	88
4) n-Nitrosodimethylamine	3.23	42	74036	24.268	ng		82
6) Aniline	6.45	93	212373	18.675	ng	#	1
8) 2-Chlorophenol	6.57	128	250071	35.566	ng		91
9) Benzaldehyde	6.33	77	150044	34.681	ng		97
10) Phenol	6.45	94	306021	35.237	ng	#	72
11) bis(2-Chloroethyl)ether	6.52	93	236898	34.182	ng		91
12) 1,3-Dichlorobenzene	6.72	146	254578	31.959	ng		99
13) 1,4-Dichlorobenzene	6.80	146	263298	33.159	ng		98
14) 1,2-Dichlorobenzene	6.95	146	241251	32.786	ng		98
15) Benzyl Alcohol	6.93	79	183773	29.561	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	251187	26.988	ng	#	1
17) 2-Methylphenol	7.06	107	197549	32.322	ng	#	86
18) Hexachloroethane	7.28	117	93243	32.935	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	160681	30.041	ng		91
20) 3+4-Methylphenols	7.21	107	263408	34.749	ng		97
22) Acetophenone	7.19	105	337325	31.258	ng		94
24) Nitrobenzene	7.37	77	244395	32.976	ng		99
25) Isophorone	7.60	82	445695	31.398	ng		98
26) 2-Nitrophenol	7.69	139	137161	45.460	ng		92
27) 2,4-Dimethylphenol	7.73	122	214003	34.160	ng		100
28) bis(2-Chloroethoxy)methane	7.82	93	287723	33.151	ng		99
29) 2,4-Dichlorophenol	7.94	162	212784	35.598	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	218713	33.340	ng		97
31) Naphthalene	8.09	128	712637	32.650	ng		100
32) Benzoic acid	7.85	122	42402	8.483	ng		99
33) 4-Chloroaniline	8.15	127	91930	9.831	ng		95
34) Hexachlorobutadiene	8.19	225	120312	33.483	ng		99
35) Caprolactam	8.52	113	62616	30.028	ng	#	73
36) 4-Chloro-3-methylphenol	8.65	107	220311	34.373	ng		99
37) 2-Methylnaphthalene	8.78	142	472286	33.452	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	207869	36.022	ng		98
40) Hexachlorocyclopentadiene	8.92	237	105877	32.773	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	138508	34.576	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	140602	31.365	ng		93
45) 1,1'-Biphenyl	9.25	154	567085	33.486	ng		98
46) 2-Chloronaphthalene	9.27	162	447117	33.426	ng		99
47) 2-Nitroaniline	9.38	65	122475	37.024	ng		95
48) Acenaphthylene	9.69	152	631276	30.079	ng		99
49) Dimethylphthalate	9.55	163	607340	38.205	ng		99
50) 2,6-Dinitrotoluene	9.62	165	112557	38.265	ng		99
51) Acenaphthene	9.86	154	379724	29.654	ng		99
52) 3-Nitroaniline	9.79	138	60730	17.635	ng		98
53) 2,4-Dinitrophenol	9.91	184	78989	69.398	ng	#	19
54) Dibenzofuran	10.03	168	557286	31.229	ng		95
55) 4-Nitrophenol	9.99	139	112288	41.510	ng		91
56) 2,4-Dinitrotoluene	10.03	165	137563	35.652	ng	#	90
57) Fluorene	10.37	166	451536	34.763	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	112561	33.657	ng		92
59) Diethylphthalate	10.25	149	499393	31.543	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	212955	36.814	ng		94
61) 4-Nitroaniline	10.42	138	100433	29.828	ng		94
62) Azobenzene	10.52	77	434206	28.706	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	66595	41.699	ng	#	78
65) n-Nitrosodiphenylamine	10.49	169	394884	33.782	ng		98
66) 4-Bromophenyl-phenylether	10.85	248	129427	36.093	ng		92
67) Hexachlorobenzene	10.92	284	138353	34.289	ng	#	87
68) Atrazine	11.02	200	112911	32.002	ng		98
69) Pentachlorophenol	11.13	266	111960	44.852	ng		98
70) Phenanthrene	11.34	178	618687	32.954	ng		99
71) Anthracene	11.39	178	623717	32.682	ng		99
72) Carbazole	11.55	167	559476	30.001	ng		99
73) Di-n-butylphthalate	11.87	149	741673	32.557	ng		99
74) Fluoranthene	12.53	202	593598	30.262	ng		95
76) Benzidine	12.66	184	70263	6.081	ng		98
77) Pyrene	12.76	202	572777	38.809	ng		99
79) Butylbenzylphthalate	13.38	149	267403	38.458	ng		95
80) Benzo(a)anthracene	13.98	228	424237	35.664	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	80023	18.043	ng		99
82) Chrysene	14.02	228	406069	33.235	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	363857	40.684	ng		100
84) Di-n-octyl phthalate	14.63	149	547753	36.654	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.01	276	372324	35.872	ng		95
87) Benzo(b)fluoranthene	15.10	252	365395	31.643	ng		99
88) Benzo(k)fluoranthene	15.13	252	358032	32.841	ng		97
89) Benzo(a)pyrene	15.47	252	346293	33.516	ng		99
90) Dibenzo(a,h)anthracene	17.02	278	315863	37.222	ng		96
91) Benzo(g,h,i)perylene	17.45	276	304940	37.091	ng		95

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

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