Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030718\
Data File : BF103508.D
Acq On : 7 Mar 2018 18:26
Operator : SJ/JU
Sample : J1808-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-9.5-11MS

Manual Integrations APPROVED
Sohil
3/8/2018 4:43:07 PM

Quant Time: Mar 08 04:41:08 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 07 11:40:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	93284	20.00	ng		0.02
21) Naphthalene-d8	8.17	136	188673	20.00	ng		0.02
38) Acenaphthene-d10	9.91	164	220984	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	316052	20.00	ng		0.00
75) Chrysene-d12	14.06	240	185328	20.00	ng		0.00
86) Perylene-d12	15.56	264	161330	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1006501	163.19	ng		0.02
7) Phenol-d6	6.52	99	1229698	162.93	ng		0.02
23) Nitrobenzene-d5	7.47	82	453927	137.40	ng		0.04
41) 2,4,6-Tribromophenol	10.70	330	219457	117.32	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1201855	96.80	ng		0.00
78) Terphenyl-d14	12.99	244	808794	104.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	194747	59.782	ng		93
3) Pyridine	3.48	79	409682	47.107	ng		97
4) n-Nitrosodimethylamine	3.44	42	301621	85.994	ng	#	80
6) Aniline	6.56	93	203090	18.645	ng	#	26
8) 2-Chlorophenol	6.67	128	337536	52.680	ng		92
9) Benzaldehyde	6.44	77	181299	39.326	ng	#	1
10) Phenol	6.55	94	459064	52.395	ng		76
11) bis(2-Chloroethyl)ether	6.63	93	359567	54.072	ng		86
12) 1,3-Dichlorobenzene	6.83	146	292616	39.963	ng		97
13) 1,4-Dichlorobenzene	6.90	146	351822	47.925	ng	#	92
14) 1,2-Dichlorobenzene	7.06	146	212995	31.466	ng	#	88
15) Benzyl Alcohol	7.03	79	265246	46.639	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.17	45	397136	34.778	ng	#	38
17) 2-Methylphenol	7.15	107	243483	41.815	ng	#	59
18) Hexachloroethane	7.42	117	1057725m	395.789	ng		
19) n-Nitroso-di-n-propylamine	7.31	70	309180	65.823	ng	#	90
20) 3+4-Methylphenols	7.31	107	390966	55.082	ng	#	63
22) Acetophenone	7.28	105	2311920	524.966	ng	#	60
24) Nitrobenzene	7.49	77	392937	108.026	ng	#	95
25) Isophorone	7.71	82	805869	123.850	ng	#	90
26) 2-Nitrophenol	7.80	139	133902	78.197	ng	#	25
27) 2,4-Dimethylphenol	7.83	122	160810	61.438	ng		88
28) bis(2-Chloroethoxy)methane	7.92	93	154666	40.429	ng		94
29) 2,4-Dichlorophenol	8.05	162	283594	113.168	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	245811	92.114	ng	#	92
31) Naphthalene	8.20	128	3178902	344.146	ng	#	96
32) Benzoic acid	7.96	122	23947	17.469	ng	#	1
33) 4-Chloroaniline	8.25	127	103224	25.897	ng	#	62
34) Hexachlorobutadiene	8.29	225	143229	103.070	ng		100
35) Caprolactam	8.61	113	93250	105.878	ng	#	17
36) 4-Chloro-3-methylphenol	8.73	107	330744	117.015	ng		99
37) 2-Methylnaphthalene	8.89	142	2724369	456.364	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	274355	45.414	ng		100
40) Hexachlorocyclopentadiene	9.01	237	279	8.998	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	195933	48.200	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	202676	43.350	ng	#	94
45) 1,1'-Biphenyl	9.33	154	878062	47.418	ng		99
46) 2-Chloronaphthalene	9.36	162	648339	44.256	ng		98
47) 2-Nitroaniline	9.47	65	288061	53.084	ng		90
48) Acenaphthylene	9.77	152	955352	42.385	ng		99
49) Dimethylphthalate	9.63	163	849825	47.938	ng		100
50) 2,6-Dinitrotoluene	9.70	165	155663	41.842	ng	#	90
51) Acenaphthene	9.95	154	583214	44.373	ng		99
52) 3-Nitroaniline	9.87	138	131758	27.915	ng		97
53) 2,4-Dinitrophenol	10.02	184	1032	10.297	ng	#	1
54) Dibenzofuran	10.12	168	821820	45.549	ng		94
55) 4-Nitrophenol	10.06	139	203164	69.451	ng		88
56) 2,4-Dinitrotoluene	10.12	165	179934	38.243	ng	#	67
57) Fluorene	10.46	166	670923	43.652	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	147015	46.809	ng		97
59) Diethylphthalate	10.32	149	752038	44.355	ng		100
60) 4-Chlorophenyl-phenylether	10.45	204	298394	45.781	ng		98
61) 4-Nitroaniline	10.50	138	180935	38.380	ng		98
62) Azobenzene	10.61	77	792081	45.896	ng		97
64) 4,6-Dinitro-2-methylphenol	10.53	198	5991	7.740	ng	#	1
65) n-Nitrosodiphenylamine	10.57	169	597492	54.295	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	166770	50.654	ng		97
67) Hexachlorobenzene	11.01	284	161046	45.067	ng		93
68) Atrazine	11.09	200	142083	42.957	ng		97
69) Pentachlorophenol	11.22	266	116627	67.499	ng		98
70) Phenanthrene	11.43	178	853267	49.057	ng		99
71) Anthracene	11.48	178	872618	48.925	ng		100
72) Carbazole	11.64	167	791013	44.535	ng		99
73) Di-n-butylphthalate	11.95	149	1031112	46.395	ng		99
74) Fluoranthene	12.62	202	834373	47.737	ng		97
76) Benzidine	12.74	184	177685	25.645	ng		98
77) Pyrene	12.86	202	849425	58.787	ng		100
79) Butylbenzylphthalate	13.45	149	376163	49.274	ng		95
80) Benzo(a)anthracene	14.05	228	703500	58.504	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	155888	36.326	ng		100
82) Chrysene	14.09	228	648796	55.568	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	487252	47.297	ng	#	99
84) Di-n-octyl phthalate	14.63	149	884422	53.135	ng		99
85) Indeno(1,2,3-cd)pyrene	17.11	276	478180	51.732	ng		98
87) Benzo(b)fluoranthene	15.12	252	665600	62.749	ng	#	97
88) Benzo(k)fluoranthene	15.15	252	513510	51.410	ng		98
89) Benzo(a)pyrene	15.50	252	563309	59.469	ng	#	96
90) Dibenzo(a,h)anthracene	17.11	278	368792	50.386	ng		98
91) Benzo(g,h,i)perylene	17.57	276	408404	57.091	ng		98

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

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