Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103531.D
Acq On : 8 Mar 2018 21:48
Operator : SJ/JU
Sample : J1824-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-BPM-01-E0-E0a-F0-F0aMS

Quant Time: Mar 08 23:54:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	130576	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	524912	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	197941	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	298154	20.00	ng		0.00
75) Chrysene-d12	14.06	240	207794	20.00	ng		0.00
86) Perylene-d12	15.57	264	172172	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	978794	113.37	ng		0.01
7) Phenol-d6	6.51	99	1131482	107.10	ng		0.00
23) Nitrobenzene-d5	7.43	82	706089	76.82	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	147446	88.00	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	942979	81.18	ng		0.00
78) Terphenyl-d14	12.99	244	685582	79.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	150547	33.015	ng		97
3) Pyridine	3.50	79	324432	26.650	ng		97
4) n-Nitrosodimethylamine	3.42	42	180076	36.678	ng		88
6) Aniline	6.53	93	382876	25.112	ng	#	68
8) 2-Chlorophenol	6.66	128	328173	36.591	ng		93
9) Benzaldehyde	6.42	77	203955	29.431	ng		95
10) Phenol	6.52	94	432093	35.232	ng		90
11) bis(2-Chloroethyl)ether	6.60	93	347497	37.332	ng		94
12) 1,3-Dichlorobenzene	6.80	146	346624	33.819	ng		96
13) 1,4-Dichlorobenzene	6.88	146	373478	36.345	ng		99
14) 1,2-Dichlorobenzene	7.03	146	317677	33.527	ng		100
15) Benzyl Alcohol	7.02	79	257254	32.315	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	530064	33.162	ng		58
17) 2-Methylphenol	7.13	107	274087	33.628	ng	#	87
18) Hexachloroethane	7.37	117	92327	24.681	ng		91
19) n-Nitroso-di-n-propylamine	7.27	70	241241	36.691	ng		93
20) 3+4-Methylphenols	7.29	107	362137	36.449	ng	#	69
22) Acetophenone	7.28	105	465836	38.020	ng	#	90
24) Nitrobenzene	7.46	77	370411	36.603	ng		98
25) Isophorone	7.69	82	659383	36.424	ng		96
26) 2-Nitrophenol	7.77	139	137512	28.865	ng		91
27) 2,4-Dimethylphenol	7.80	122	282510	38.796	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	417702	39.245	ng		98
29) 2,4-Dichlorophenol	8.02	162	257178	36.888	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	247961	33.399	ng		97
31) Naphthalene	8.17	128	889656	34.619	ng		100
32) Benzoic acid	7.93	122	84501	20.302	ng		98
33) 4-Chloroaniline	8.23	127	224742	20.266	ng		97
34) Hexachlorobutadiene	8.27	225	124511	32.206	ng		96
35) Caprolactam	8.60	113	81618	33.309	ng	#	77
36) 4-Chloro-3-methylphenol	8.72	107	280824	35.711	ng		94
37) 2-Methylnaphthalene	8.86	142	555033	33.419	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	201364	37.212	ng		98
40) Hexachlorocyclopentadiene	9.00	237	376	9.057	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	136229	37.414	ng		100
43) 2,4,5-Trichlorophenol	9.20	196	137995	32.951	ng		97
45) 1,1'-Biphenyl	9.33	154	621582	37.475	ng		98
46) 2-Chloronaphthalene	9.36	162	489474	37.301	ng		99
47) 2-Nitroaniline	9.46	65	206457	42.475	ng		86
48) Acenaphthylene	9.77	152	703190	34.829	ng		100
49) Dimethylphthalate	9.62	163	631885	39.793	ng		100
50) 2,6-Dinitrotoluene	9.70	165	100335	30.110	ng	#	76
51) Acenaphthene	9.94	154	405591	34.451	ng		99
52) 3-Nitroaniline	9.87	138	143126	33.854	ng		95
53) 2,4-Dinitrophenol	10.03	184	1279	10.556	ng	#	54
54) Dibenzofuran	10.12	168	593813	36.743	ng		95
55) 4-Nitrophenol	10.06	139	105733	40.352	ng		90
56) 2,4-Dinitrotoluene	10.12	165	116712	27.693	ng	#	63
57) Fluorene	10.46	166	477702	34.699	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	95567	33.970	ng		97
59) Diethylphthalate	10.32	149	558302	36.762	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	215430	36.900	ng		98
61) 4-Nitroaniline	10.50	138	147951	35.037	ng		98
62) Azobenzene	10.61	77	583206	37.727	ng		96
64) 4,6-Dinitro-2-methylphenol	10.55	198	2617	6.239	ng	#	52
65) n-Nitrosodiphenylamine	10.57	169	418416	40.305	ng		98
66) 4-Bromophenyl-phenylether	10.94	248	112191	36.122	ng		95
67) Hexachlorobenzene	11.02	284	112951	33.506	ng		93
68) Atrazine	11.09	200	107058	34.310	ng		97
69) Pentachlorophenol	11.22	266	80503	49.389	ng		96
70) Phenanthrene	11.43	178	573160	34.931	ng		99
71) Anthracene	11.48	178	602333	35.798	ng		99
72) Carbazole	11.64	167	598501	35.720	ng		100
73) Di-n-butylphthalate	11.95	149	776203	37.022	ng		98
74) Fluoranthene	12.62	202	590431	35.809	ng		99
76) Benzidine	12.75	184	508755	65.490	ng		98
77) Pyrene	12.86	202	591143	36.488	ng		99
79) Butylbenzylphthalate	13.45	149	312630	36.524	ng		92
80) Benzo(a)anthracene	14.05	228	464715	34.468	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	181268	37.673	ng		99
82) Chrysene	14.09	228	473105	36.139	ng		98
83) Bis(2-ethylhexyl)phthalate	14.00	149	401864	34.791	ng	#	98
84) Di-n-octyl phthalate	14.63	149	719783	38.568	ng		97
85) Indeno(1,2,3-cd)pyrene	17.12	276	341717	32.972	ng		97
87) Benzo(b)fluoranthene	15.12	252	398121	35.169	ng		97
88) Benzo(k)fluoranthene	15.15	252	369823	34.693	ng		99
89) Benzo(a)pyrene	15.50	252	363677	35.976	ng		98
90) Dibenzo(a,h)anthracene	17.12	278	288896	36.984	ng		98
91) Benzo(g,h,i)perylene	17.59	276	283137	37.088	ng		97

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

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