Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
Data File : BF104941.D
Acq On : 30 Apr 2018 19:01
Operator : JU/SJ
Sample : J2613-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-GF-02-018-AMS

Quant Time: May 01 04:35:28 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 15:20:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	116304	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	480318	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	218072	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	365352	20.00	ng		0.00
75) Chrysene-d12	13.97	240	229034	20.00	ng		0.00
86) Perylene-d12	15.44	264	209638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	781491	102.74	ng		0.01
7) Phenol-d6	6.44	99	963295	103.07	ng		0.00
23) Nitrobenzene-d5	7.36	82	595472	80.95	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	239208	105.75	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1061230	76.88	ng		0.00
78) Terphenyl-d14	12.91	244	833089	82.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.53	88	91863	25.919	ng		87
3) Pyridine	3.28	79	251569	25.246	ng		87
4) n-Nitrosodimethylamine	3.23	42	110361	31.683	ng	#	78
6) Aniline	6.46	93	279470	21.524	ng	#	19
8) 2-Chlorophenol	6.58	128	293242	36.527	ng		94
9) Benzaldehyde	6.34	77	108004	19.050	ng		98
10) Phenol	6.45	94	359642	36.269	ng		76
11) bis(2-Chloroethyl)ether	6.53	93	268255	33.900	ng		91
12) 1,3-Dichlorobenzene	6.73	146	302627	33.274	ng		97
13) 1,4-Dichlorobenzene	6.81	146	304043	33.536	ng		99
14) 1,2-Dichlorobenzene	6.96	146	289318	34.436	ng		99
15) Benzyl Alcohol	6.94	79	229621	32.349	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	305848	28.781	ng		71
17) 2-Methylphenol	7.06	107	235367	33.727	ng	#	92
18) Hexachloroethane	7.30	117	105473	32.629	ng		98
19) n-Nitroso-di-n-propylamine	7.21	70	185177	30.322	ng		93
20) 3+4-Methylphenols	7.21	107	290546	33.570	ng	#	74
22) Acetophenone	7.20	105	388727	32.873	ng		99
24) Nitrobenzene	7.38	77	290648	35.789	ng		97
25) Isophorone	7.62	82	531735	34.185	ng		99
26) 2-Nitrophenol	7.70	139	151550	45.838	ng	#	89
27) 2,4-Dimethylphenol	7.73	122	258257	37.620	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	341003	35.856	ng		99
29) 2,4-Dichlorophenol	7.94	162	245657	37.504	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	249862	34.759	ng		100
31) Naphthalene	8.10	128	822763	34.400	ng		99
32) Benzoic acid	7.84	122	43049	7.859	ng		95
33) 4-Chloroaniline	8.15	127	172850	16.869	ng		96
34) Hexachlorobutadiene	8.21	225	135739	34.474	ng		97
35) Caprolactam	8.53	113	74861	32.762	ng	#	71
36) 4-Chloro-3-methylphenol	8.65	107	256531	36.525	ng		98
37) 2-Methylnaphthalene	8.79	142	547115	35.364	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	238460	38.200	ng		98
40) Hexachlorocyclopentadiene	8.93	237	57332	16.405	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	164398	37.937	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	171840	35.436	ng		96
45) 1,1'-Biphenyl	9.26	154	646367	35.283	ng		98
46) 2-Chloronaphthalene	9.28	162	511205	35.328	ng		100
47) 2-Nitroaniline	9.39	65	151701	42.393	ng		89
48) Acenaphthylene	9.70	152	747548	32.927	ng		100
49) Dimethylphthalate	9.56	163	709370	41.250	ng		99
50) 2,6-Dinitrotoluene	9.63	165	132532	41.650	ng		90
51) Acenaphthene	9.87	154	441702	31.887	ng		99
52) 3-Nitroaniline	9.80	138	113826	30.555	ng		97
53) 2,4-Dinitrophenol	9.91	184	17259	22.588	ng	#	24
54) Dibenzofuran	10.04	168	660895	34.236	ng		98
55) 4-Nitrophenol	9.97	139	170031	58.105	ng		94
56) 2,4-Dinitrotoluene	10.03	165	159999	38.333	ng		96
57) Fluorene	10.39	166	522309	37.172	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	123279	34.076	ng		94
59) Diethylphthalate	10.25	149	587672	34.313	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	248080	39.645	ng		95
61) 4-Nitroaniline	10.42	138	131894	36.210	ng		94
62) Azobenzene	10.53	77	516465	31.564	ng		95
64) 4,6-Dinitro-2-methylphenol	10.45	198	20147	16.937	ng		80
65) n-Nitrosodiphenylamine	10.50	169	468554	36.988	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	146548	37.710	ng		94
67) Hexachlorobenzene	10.93	284	157902	36.110	ng	#	89
68) Atrazine	11.03	200	145455	38.040	ng		98
69) Pentachlorophenol	11.13	266	115500	42.695	ng		98
70) Phenanthrene	11.35	178	711434	34.966	ng		99
71) Anthracene	11.40	178	731527	35.370	ng		99
72) Carbazole	11.56	167	638496	31.593	ng		100
73) Di-n-butylphthalate	11.88	149	860327	34.848	ng		99
74) Fluoranthene	12.54	202	664378	31.253	ng		97
76) Benzidine	12.66	184	254388	30.492	ng		98
77) Pyrene	12.77	202	647727	38.154	ng		99
79) Butylbenzylphthalate	13.38	149	305536	38.201	ng		96
80) Benzo(a)anthracene	13.96	228	521597	38.121	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	171382	33.593	ng		97
82) Chrysene	14.00	228	485180	34.522	ng		98
83) Bis(2-ethylhexyl)phthalate	13.93	149	421477	40.970	ng	#	99
84) Di-n-octyl phthalate	14.56	149	653388	38.011	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.90	276	423775	35.495	ng		96
87) Benzo(b)fluoranthene	15.02	252	483672	36.530	ng		98
88) Benzo(k)fluoranthene	15.04	252	430985	34.479	ng		98
89) Benzo(a)pyrene	15.38	252	433699	36.609	ng		99
90) Dibenzo(a,h)anthracene	16.91	278	358191	36.814	ng		97
91) Benzo(g,h,i)perylene	17.34	276	340347	36.105	ng	#	94

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

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