Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040219\
Data File : BF113503.D
Acq On : 2 Apr 2019 14:02
Operator : JU/SJ
Sample : K2040-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4B(2-10)MS

Manual Integrations APPROVED
sohil
4/3/2019 4:27:23 AM

Quant Time: Apr 03 02:23:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 26 03:32:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	150555	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	562059	20.00	ng		-0.01
39) Acenaphthene-d10	9.72	164	278803	20.00	ng		-0.02
64) Phenanthrene-d10	11.20	188	567292	20.00	ng		-0.01
76) Chrysene-d12	13.83	240	388364	20.00	ng		-0.01
87) Perylene-d12	15.23	264	366416	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1086372	117.99	ng		0.00
7) Phenol-d6	6.35	99	1398256	120.04	ng		0.00
23) Nitrobenzene-d5	7.26	82	862353	91.07	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	427760	124.21	ng		-0.01
45) 2-Fluorobiphenyl	9.05	172	1573620	89.37	ng		-0.01
79) Terphenyl-d14	12.79	244	1682539	95.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	154041	32.974	ng		98
3) Pyridine	3.10	79	401879	34.895	ng		98
4) n-Nitrosodimethylamine	3.03	42	194200	37.931	ng		92
6) Aniline	6.36	93	228227	16.090	ng	#	1
8) 2-Chlorophenol	6.49	128	408093	38.167	ng		98
9) Benzaldehyde	6.24	77	107882	13.802	ng		98
10) Phenol	6.36	94	511422	38.459	ng		80
11) bis(2-Chloroethyl)ether	6.43	93	394021	38.655	ng		100
12) 1,3-Dichlorobenzene	6.63	146	437970	38.000	ng		99
13) 1,4-Dichlorobenzene	6.71	146	444799	39.970	ng		98
14) 1,2-Dichlorobenzene	6.86	146	413396	37.759	ng		99
15) Benzyl Alcohol	6.85	79	322961	42.028	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	613114	40.039	ng		84
17) 2-Methylphenol	6.96	107	332097	39.632	ng		98
18) Hexachloroethane	7.20	117	159107	39.806	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	282034	38.547	ng		99
20) 3+4-Methylphenols	7.12	107	428712	44.451	ng		92
22) Acetophenone	7.10	105	566387	44.187	ng		97
24) Nitrobenzene	7.28	77	428289	43.342	ng		99
25) Isophorone	7.52	82	804565	43.841	ng		100
26) 2-Nitrophenol	7.60	139	231533	44.328	ng		91
27) 2,4-Dimethylphenol	7.65	122	372798	49.617	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	507830	43.942	ng		99
29) 2,4-Dichlorophenol	7.85	162	364426	44.757	ng		100
30) 1,2,4-Trichlorobenzene	7.92	180	383026	43.602	ng		97
31) Naphthalene	8.00	128	1199226	43.661	ng		99
32) Benzoic acid	7.75	122	43866	7.253	ng		99
33) 4-Chloroaniline	8.05	127	85927	8.023	ng		98
34) Hexachlorobutadiene	8.12	225	221833	42.487	ng		99
35) Caprolactam	8.42	113	119748m	45.824	ng		
36) 4-Chloro-3-methylphenol	8.55	107	373145	45.564	ng		100
37) 2-Methylnaphthalene	8.69	142	800303	46.697	ng		99
38) 1-Methylnaphthalene	8.79	142	756008	45.862	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	377785	42.213	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	267687	70.665	ng		100
43) 2,4,6-Trichlorophenol	8.97	196	258135	44.293	ng		100
44) 2,4,5-Trichlorophenol	9.02	196	275774	42.758	ng		98
46) 1,1'-Biphenyl	9.15	154	980321	42.100	ng		99
47) 2-Chloronaphthalene	9.17	162	758254	42.293	ng		99
48) 2-Nitroaniline	9.27	65	240789	42.797	ng		97
49) Acenaphthylene	9.59	152	1213909	41.875	ng		100
50) Dimethylphthalate	9.45	163	1043225	50.491	ng		99
51) 2,6-Dinitrotoluene	9.52	165	202621	43.470	ng		99
52) Acenaphthene	9.76	154	699793	42.866	ng		99
53) 3-Nitroaniline	9.68	138	112657	21.432	ng		92
54) 2,4-Dinitrophenol	9.80	184	116080	50.071	ng	#	86
55) Dibenzofuran	9.93	168	1048065	42.704	ng		96
56) 4-Nitrophenol	9.87	139	270737	72.244	ng		97
57) 2,4-Dinitrotoluene	9.93	165	253544	42.773	ng		97
58) Fluorene	10.27	166	821635	43.095	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	232163	42.566	ng		98
60) Diethylphthalate	10.15	149	894906	44.152	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	403077	43.378	ng		95
62) 4-Nitroaniline	10.30	138	227170	41.975	ng		98
63) Azobenzene	10.42	77	821046	43.033	ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	107278	34.569	ng		99
66) n-Nitrosodiphenylamine	10.39	169	756878	43.480	ng		100
67) 4-Bromophenyl-phenylether	10.75	248	267969	43.340	ng		95
68) Hexachlorobenzene	10.82	284	311725	43.435	ng	#	93
69) Atrazine	10.92	200	246216	44.812	ng		98
70) Pentachlorophenol	11.02	266	242938	64.971	ng		97
71) Phenanthrene	11.23	178	1215869	43.159	ng		100
72) Anthracene	11.28	178	1267188	44.284	ng		100
73) Carbazole	11.44	167	1188516	43.527	ng		99
74) Di-n-butylphthalate	11.77	149	1423169	44.946	ng		100
75) Fluoranthene	12.41	202	1326673	41.657	ng		99
77) Benzidine	12.53	184	208059	13.990	ng		99
78) Pyrene	12.64	202	1315236	48.871	ng		99
80) Butylbenzylphthalate	13.26	149	576263	48.587	ng		97
81) Benzo(a)anthracene	13.83	228	935037	42.061	ng		100
82) 3,3'-Dichlorobenzidine	13.79	252	132896	14.902	ng		99
83) Chrysene	13.86	228	984157	43.585	ng		100
84) Bis(2-ethylhexyl)phthalate	13.82	149	726875	49.992	ng		99
85) Di-n-octyl phthalate	14.42	149	1118575	45.323	ng		100
86) Indeno(1,2,3-cd)pyrene	16.60	276	1135451	58.592	ng		98
88) Benzo(b)fluoranthene	14.84	252	956851	42.038	ng		99
89) Benzo(k)fluoranthene	14.87	252	835774	41.812	ng		98
90) Benzo(a)pyrene	15.18	252	892981	44.253	ng		99
91) Dibenzo(a,h)anthracene	16.61	278	941662	53.970	ng		99
92) Benzo(g,h,i)perylene	17.01	276	989249	56.231	ng		100

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

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