Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114874.D
Acq On : 6 Jun 2019 20:43
Operator : HP/JU
Sample : K3211-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-200050MSD

Manual Integrations APPROVED
mohammad
6/7/2019 2:11:42 PM

Quant Time: Jun 07 03:29:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	509190	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	1952502	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	933272	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1642874	20.00	ng		0.00
76) Chrysene-d12	13.80	240	741735	20.00	ng		0.00
87) Perylene-d12	15.18	264	926380	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	3653812	125.39	ng		0.03
7) Phenol-d6	6.33	99	4621135	130.33	ng		0.02
23) Nitrobenzene-d5	7.24	82	2998396	94.53	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	1199520	119.27	ng		0.01
45) 2-Fluorobiphenyl	9.03	172	4746271	95.27	ng		0.00
79) Terphenyl-d14	12.76	244	4246107	111.33	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	482006	34.644	ng		99
3) Pyridine	3.18	79	58187	1.522	ng		94
4) n-Nitrosodimethylamine	3.01	42	611641	43.707	ng		97
6) Aniline	6.35	93	603994	12.005	ng	#	34
8) 2-Chlorophenol	6.46	128	1475647	43.828	ng		98
9) Benzaldehyde	6.21	77	527022	21.427	ng		98
10) Phenol	6.34	94	1668877	41.157	ng		83
11) bis(2-Chloroethyl)ether	6.42	93	1389757	43.916	ng		97
12) 1,3-Dichlorobenzene	6.62	146	1606262	40.941	ng		99
13) 1,4-Dichlorobenzene	6.69	146	1599106	40.507	ng		99
14) 1,2-Dichlorobenzene	6.85	146	1460898	40.975	ng		99
15) Benzyl Alcohol	6.82	79	1155536	43.094	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1961075	43.329	ng		99
17) 2-Methylphenol	6.94	107	1301598	45.226	ng		98
18) Hexachloroethane	7.19	117	606901	40.844	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	1030614	43.908	ng		99
20) 3+4-Methylphenols	7.09	107	1361313	42.885	ng		93
22) Acetophenone	7.09	105	2014204	46.856	ng	#	97
24) Nitrobenzene	7.26	77	1550164	47.177	ng		100
25) Isophorone	7.50	82	3004610	47.917	ng		100
26) 2-Nitrophenol	7.57	139	899758	50.558	ng		99
27) 2,4-Dimethylphenol	7.62	122	1420561	52.517	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	1870251	46.659	ng		100
29) 2,4-Dichlorophenol	7.82	162	1352711	47.533	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	1478672	45.284	ng		99
31) Naphthalene	7.97	128	3960551	45.056	ng		98
32) Benzoic acid	7.72	122	272895	13.852	ng		98
33) 4-Chloroaniline	8.02	127	596986	14.236	ng		98
34) Hexachlorobutadiene	8.10	225	799399	43.061	ng		99
35) Caprolactam	8.41	113	268504m	28.883	ng		
36) 4-Chloro-3-methylphenol	8.52	107	1338544	47.268	ng		100
37) 2-Methylnaphthalene	8.67	142	2766109	45.368	ng		99
38) 1-Methylnaphthalene	8.76	142	2652494	45.875	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	1174365	43.664	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	1336597	81.940	ng		100
43) 2,4,6-Trichlorophenol	8.95	196	980244	46.871	ng		99
44) 2,4,5-Trichlorophenol	8.99	196	1015725	48.225	ng		96
46) 1,1'-Biphenyl	9.13	154	3138526	45.374	ng		99
47) 2-Chloronaphthalene	9.16	162	2608885	44.388	ng		99
48) 2-Nitroaniline	9.25	65	804957	45.893	ng		97
49) Acenaphthylene	9.57	152	3748599	43.980	ng		99
50) Dimethylphthalate	9.45	163	3674232	53.904	ng		98
51) 2,6-Dinitrotoluene	9.49	165	762628	47.574	ng		92
52) Acenaphthene	9.74	154	2384942	42.715	ng		99
53) 3-Nitroaniline	9.66	138	607009	32.414	ng		97
54) 2,4-Dinitrophenol	9.76	184	546771	75.376	ng		97
55) Dibenzofuran	9.91	168	3255703	41.934	ng		97
56) 4-Nitrophenol	9.83	139	1168881	85.183	ng		98
57) 2,4-Dinitrotoluene	9.90	165	922385	45.772	ng		90
58) Fluorene	10.25	166	2245556	45.161	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.03	232	783407	45.400	ng		100
60) Diethylphthalate	10.14	149	2968699	43.403	ng		98
61) 4-Chlorophenyl-phenylether	10.25	204	1133565	38.120	ng		100
62) 4-Nitroaniline	10.27	138	758570	41.764	ng		99
63) Azobenzene	10.40	77	2636215	45.279	ng		99
65) 4,6-Dinitro-2-methylphenol	10.30	198	388356	45.507	ng		94
66) n-Nitrosodiphenylamine	10.37	169	2364581	47.599	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	839873	45.012	ng		99
68) Hexachlorobenzene	10.80	284	882847	43.233	ng		95
69) Atrazine	10.89	200	774807	44.846	ng		98
70) Pentachlorophenol	10.99	266	961972	81.488	ng		98
71) Phenanthrene	11.20	178	3517309	44.847	ng		98
72) Anthracene	11.26	178	3530621	42.775	ng		99
73) Carbazole	11.40	167	3221215	45.526	ng		100
74) Di-n-butylphthalate	11.75	149	3967092	42.628	ng		99
75) Fluoranthene	12.38	202	3568490	43.716	ng		98
78) Pyrene	12.61	202	3563200	55.375	ng		99
80) Butylbenzylphthalate	13.23	149	1733813	53.359	ng		99
81) Benzo(a)anthracene	13.79	228	2656019	46.468	ng		99
82) 3,3'-Dichlorobenzidine	13.76	252	759053	32.750	ng	#	99
83) Chrysene	13.83	228	2740704	49.290	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	2111862	51.399	ng		99
85) Di-n-octyl phthalate	14.41	149	3551388	50.868	ng		100
86) Indeno(1,2,3-cd)pyrene	16.50	276	2816361	44.392	ng		99
88) Benzo(b)fluoranthene	14.80	252	2759403	46.790	ng		99
89) Benzo(k)fluoranthene	14.83	252	2365453	47.231	ng		99
90) Benzo(a)pyrene	15.13	252	2492943	48.838	ng		99
91) Dibenzo(a,h)anthracene	16.52	278	2297092	47.519	ng		99
92) Benzo(g,h,i)perylene	16.90	276	2348136	48.304	ng		99

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

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