Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114873.D
Acq On : 6 Jun 2019 20:17
Operator : HP/JU
Sample : K3211-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200050MS

Manual Integrations APPROVED
mohammad
6/7/2019 2:11:39 PM

Quant Time: Jun 07 03:22:51 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	489367	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	1910624	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	922755	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1616840	20.00	ng		0.00
76) Chrysene-d12	13.80	240	833289	20.00	ng		0.00
87) Perylene-d12	15.18	264	950560	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2839093	101.37	ng		0.02
7) Phenol-d6	6.32	99	3602953	105.73	ng		0.02
23) Nitrobenzene-d5	7.24	82	2299741	74.10	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	970463	97.59	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	3886408	78.90	ng		0.00
79) Terphenyl-d14	12.76	244	3645099	85.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	335223	25.070	ng		99
4) n-Nitrosodimethylamine	2.98	42	416601	30.976	ng		96
6) Aniline	6.33	93	210696	4.357	ng	#	1
8) 2-Chlorophenol	6.46	128	1077140	33.288	ng		98
9) Benzaldehyde	6.21	77	368683	15.597	ng		99
10) Phenol	6.33	94	1244642	31.938	ng	#	76
11) bis(2-Chloroethyl)ether	6.42	93	1013721	33.331	ng		100
12) 1,3-Dichlorobenzene	6.61	146	1156434	30.670	ng		98
13) 1,4-Dichlorobenzene	6.69	146	1184301	31.215	ng		99
14) 1,2-Dichlorobenzene	6.85	146	1084656	31.655	ng		98
15) Benzyl Alcohol	6.82	79	876501	34.012	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1436727	33.030	ng		99
17) 2-Methylphenol	6.93	107	928458	33.568	ng		99
18) Hexachloroethane	7.19	117	431273	30.200	ng		95
19) n-Nitroso-di-n-propylamine	7.10	70	728234	32.283	ng		98
20) 3+4-Methylphenols	7.09	107	1027885	33.693	ng		89
22) Acetophenone	7.08	105	1460309	34.715	ng	#	98
24) Nitrobenzene	7.25	77	1118353	34.781	ng		98
25) Isophorone	7.50	82	2111525	34.412	ng		99
26) 2-Nitrophenol	7.57	139	621227	35.672	ng		95
27) 2,4-Dimethylphenol	7.62	122	1004292	37.942	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	1349937	34.417	ng		99
29) 2,4-Dichlorophenol	7.82	162	972970	34.939	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	1067193	33.399	ng		99
31) Naphthalene	7.97	128	3040619	35.349	ng		99
32) Benzoic acid	7.68	122	68901	3.574	ng		99
33) 4-Chloroaniline	8.02	127	499341	12.169	ng		96
34) Hexachlorobutadiene	8.10	225	583486	32.119	ng		99
35) Caprolactam	8.39	113	162947m	17.912	ng		
36) 4-Chloro-3-methylphenol	8.51	107	973016	35.114	ng		100
37) 2-Methylnaphthalene	8.66	142	2123356	35.589	ng		100
38) 1-Methylnaphthalene	8.76	142	1989519	35.163	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	912215	34.304	ng		99
41) Hexachlorocyclopentadiene	8.83	237	989040	61.324	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	8.94	196	702234	33.961	ng	99
44) 2,4,5-Trichlorophenol	8.98	196	726361	34.880	ng	99
46) 1,1'-Biphenyl	9.13	154	2452563	35.861	ng	99
47) 2-Chloronaphthalene	9.15	162	1969159	33.885	ng	99
48) 2-Nitroaniline	9.25	65	573724	33.083	ng	94
49) Acenaphthylene	9.56	152	2938147	34.865	ng	100
50) Dimethylphthalate	9.43	163	2866376	42.531	ng	99
51) 2,6-Dinitrotoluene	9.49	165	557887	35.199	ng	92
52) Acenaphthene	9.73	154	1910144	34.601	ng	99
53) 3-Nitroaniline	9.65	138	494626	26.714	ng	94
54) 2,4-Dinitrophenol	9.76	184	277735	38.724	ng	99
55) Dibenzofuran	9.90	168	2605672	33.944	ng	99
56) 4-Nitrophenol	9.82	139	832442	61.356	ng	97
57) 2,4-Dinitrotoluene	9.89	165	691186	34.690	ng	100
58) Fluorene	10.25	166	1811329	34.711	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.02	232	570429	33.434	ng	99
60) Diethylphthalate	10.13	149	2274781	33.637	ng	100
61) 4-Chlorophenyl-phenylether	10.24	204	919105	31.261	ng	99
62) 4-Nitroaniline	10.26	138	545656	30.384	ng	99
63) Azobenzene	10.40	77	1994718	34.651	ng	98
65) 4,6-Dinitro-2-methylphenol	10.30	198	253060	30.131	ng	98
66) n-Nitrosodiphenylamine	10.36	169	1781423	36.437	ng	100
67) 4-Bromophenyl-phenylether	10.73	248	624881	34.029	ng	96
68) Hexachlorobenzene	10.80	284	674000	33.537	ng	97
69) Atrazine	10.89	200	553976	32.580	ng	99
70) Pentachlorophenol	10.99	266	714130	61.467	ng	99
71) Phenanthrene	11.20	178	2788239	36.124	ng	99
72) Anthracene	11.25	178	2826069	34.791	ng	99
73) Carbazole	11.40	167	2443956	35.097	ng	99
74) Di-n-butylphthalate	11.74	149	3167132	34.580	ng	99
75) Fluoranthene	12.38	202	2786284	34.683	ng	99
78) Pyrene	12.60	202	2771150	38.335	ng	100
80) Butylbenzylphthalate	13.23	149	1336724	36.618	ng	97
81) Benzo(a)anthracene	13.79	228	2163574	33.694	ng	98
82) 3,3'-Dichlorobenzidine	13.75	252	548846	21.079	ng	99
83) Chrysene	13.83	228	2161188	34.597	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	1715275	37.160	ng	98
85) Di-n-octyl phthalate	14.41	149	2938094	37.460	ng	99
86) Indeno(1,2,3-cd)pyrene	16.50	276	2108990	29.590	ng	99
88) Benzo(b)fluoranthene	14.80	252	2105407	34.792	ng	98
89) Benzo(k)fluoranthene	14.83	252	1874772	36.481	ng	97
90) Benzo(a)pyrene	15.13	252	1911036	36.486	ng	100
91) Dibenzo(a,h)anthracene	16.52	278	1738428	35.047	ng	99
92) Benzo(g,h,i)perylene	16.89	276	1767948	35.444	ng	98

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

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