Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115202.D
Acq On : 25 Jun 2019 21:58
Operator : HP/JU
Sample : K3164-09MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B08MS

Manual Integrations APPROVED
mohammad
6/26/2019 2:03:45 PM

Quant Time: Jun 26 07:31:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	187726	20.00	ng		-0.01
21) Naphthalene-d8	7.89	136	688713	20.00	ng		-0.01
39) Acenaphthene-d10	9.64	164	337887	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	688560	20.00	ng		-0.01
76) Chrysene-d12	13.73	240	572718	20.00	ng		-0.02
87) Perylene-d12	15.09	264	687216	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1111234	91.35	ng		0.00
7) Phenol-d6	6.25	99	1425880	96.57	ng		0.00
23) Nitrobenzene-d5	7.17	82	808338	72.20	ng		-0.01
42) 2,4,6-Tribromophenol	10.42	330	419067	117.61	ng		-0.01
45) 2-Fluorobiphenyl	8.97	172	1591353	80.00	ng		-0.02
79) Terphenyl-d14	12.70	244	2019340	74.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	154334	26.882	ng		99
3) Pyridine	2.86	79	393127	24.294	ng		96
4) n-Nitrosodimethylamine	2.79	42	173015	27.274	ng		97
6) Aniline	6.27	93	268647	13.238	ng	#	64
8) 2-Chlorophenol	6.40	128	407544	29.794	ng		97
9) Benzaldehyde	6.15	77	252632	26.226	ng		97
10) Phenol	6.26	94	507862	29.364	ng		95
11) bis(2-Chloroethyl)ether	6.35	93	363595	28.519	ng		99
12) 1,3-Dichlorobenzene	6.55	146	442559	29.152	ng		97
13) 1,4-Dichlorobenzene	6.62	146	448253	29.446	ng		98
14) 1,2-Dichlorobenzene	6.78	146	420746	29.845	ng		98
15) Benzyl Alcohol	6.75	79	303667	28.244	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.90	45	504732	27.296	ng		97
17) 2-Methylphenol	6.87	107	343488	30.422	ng		100
18) Hexachloroethane	7.12	117	153597	27.987	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	259280	27.428	ng		99
20) 3+4-Methylphenols	7.02	107	407166	31.231	ng		92
22) Acetophenone	7.02	105	535466	33.961	ng	#	96
24) Nitrobenzene	7.19	77	397647	32.239	ng		100
25) Isophorone	7.43	82	726985	31.698	ng		98
26) 2-Nitrophenol	7.51	139	210670	34.586	ng		97
27) 2,4-Dimethylphenol	7.55	122	354376	35.533	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	453276	31.269	ng		99
29) 2,4-Dichlorophenol	7.75	162	347108	33.726	ng		98
30) 1,2,4-Trichlorobenzene	7.84	180	365248	32.128	ng		99
31) Naphthalene	7.91	128	1142630	33.798	ng		98
32) Benzoic acid	7.68	122	28355m	3.983	ng		
33) 4-Chloroaniline	7.96	127	236474	15.305	ng		99
34) Hexachlorobutadiene	8.04	225	195306	31.350	ng		99
35) Caprolactam	8.31	113	114184m	32.999	ng		
36) 4-Chloro-3-methylphenol	8.45	107	350469	33.625	ng		95
37) 2-Methylnaphthalene	8.60	142	773046	33.914	ng		99
38) 1-Methylnaphthalene	8.70	142	731017	33.578	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	337275	35.324	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	279519	49.370 ng	100
43) 2,4,6-Trichlorophenol	8.88	196	245150	33.257 ng	99
44) 2,4,5-Trichlorophenol	8.92	196	273464	36.024 ng	96
46) 1,1'-Biphenyl	9.07	154	924827	34.208 ng	99
47) 2-Chloronaphthalene	9.08	162	734335	33.485 ng	97
48) 2-Nitroaniline	9.18	65	216065	33.794 ng	95
49) Acenaphthylene	9.50	152	1189453	34.812 ng	99
50) Dimethylphthalate	9.37	163	1070038	43.044 ng	99
51) 2,6-Dinitrotoluene	9.42	165	198125	34.521 ng	91
52) Acenaphthene	9.67	154	705869	33.015 ng	97
53) 3-Nitroaniline	9.58	138	180207	25.730 ng	99
54) 2,4-Dinitrophenol	9.69	184	39995	19.643 ng	96
55) Dibenzofuran	9.84	168	1050317	34.227 ng	98
56) 4-Nitrophenol	9.75	139	378038	67.328 ng	98
57) 2,4-Dinitrotoluene	9.82	165	268131	36.183 ng	91
58) Fluorene	10.18	166	782358	37.142 ng	97
59) 2,3,4,6-Tetrachlorophenol	9.96	232	228911	35.962 ng	99
60) Diethylphthalate	10.07	149	841825	33.689 ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	373953	37.360 ng	98
62) 4-Nitroaniline	10.19	138	236512	33.662 ng	96
63) Azobenzene	10.34	77	793968	34.017 ng	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	84117	25.547 ng	91
66) n-Nitrosodiphenylamine	10.30	169	732819	34.161 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	252430	33.813 ng	95
68) Hexachlorobenzene	10.72	284	279784	34.527 ng	93
69) Atrazine	10.82	200	236348	34.250 ng	100
70) Pentachlorophenol	10.92	266	325552	63.063 ng	98
71) Phenanthrene	11.13	178	1279758	34.520 ng	99
72) Anthracene	11.18	178	1324190	35.385 ng	100
73) Carbazole	11.34	167	1218476	36.463 ng	100
74) Di-n-butylphthalate	11.69	149	1400729	36.274 ng	99
75) Fluoranthene	12.31	202	1401887	37.900 ng	96
77) Benzidine	12.44	184	612928	24.102 ng	99
78) Pyrene	12.54	202	1432139	32.538 ng	100
80) Butylbenzylphthalate	13.17	149	651978	33.566 ng	97
81) Benzo(a)anthracene	13.72	228	1363124	33.171 ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	376993	25.404 ng	99
83) Chrysene	13.75	228	1312361	34.863 ng	99
84) Bis(2-ethylhexyl)phthalate	13.74	149	887963	34.889 ng	99
85) Di-n-octyl phthalate	14.35	149	1540987	36.036 ng	99
86) Indeno(1,2,3-cd)pyrene	16.36	276	1420368	31.887 ng	99
88) Benzo(b)fluoranthene	14.72	252	1415214	33.004 ng	99
89) Benzo(k)fluoranthene	14.75	252	1356714	35.281 ng	97
90) Benzo(a)pyrene	15.04	252	1383233	35.790 ng	99
91) Dibenzo(a,h)anthracene	16.38	278	1202979	33.341 ng	99
92) Benzo(g,h,i)perylene	16.74	276	1136508	31.122 ng	98

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

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