Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115236.D
Acq On : 27 Jun 2019 15:14
Operator : HP/JU
Sample : K3509-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SA-06-062619-BMSD

Manual Integrations APPROVED
mohammad
6/28/2019 2:58:28 PM

Quant Time: Jun 28 05:36:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	252531	20.00	ng		0.00
21) Naphthalene-d8	7.88	136	945084	20.00	ng		0.00
39) Acenaphthene-d10	9.63	164	459040	20.00	ng		0.00
64) Phenanthrene-d10	11.10	188	901368	20.00	ng		0.00
76) Chrysene-d12	13.72	240	626272	20.00	ng		0.00
87) Perylene-d12	15.08	264	590549	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1693235	103.47	ng		0.01
7) Phenol-d6	6.25	99	2140653	107.77	ng		0.01
23) Nitrobenzene-d5	7.17	82	1289109	83.91	ng		0.00
42) 2,4,6-Tribromophenol	10.41	330	562580	116.22	ng		0.00
45) 2-Fluorobiphenyl	8.96	172	2291072	84.78	ng		0.00
79) Terphenyl-d14	12.68	244	2540671	86.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	206156	26.693	ng		99
3) Pyridine	2.84	79	420172	19.302	ng		96
4) n-Nitrosodimethylamine	2.77	42	251662	29.491	ng		95
6) Aniline	6.26	93	504151	18.468	ng	#	1
8) 2-Chlorophenol	6.38	128	631648	34.327	ng		98
9) Benzaldehyde	6.14	77	395363	30.510	ng		99
10) Phenol	6.26	94	758435	32.598	ng		99
11) bis(2-Chloroethyl)ether	6.34	93	563773	32.872	ng		99
12) 1,3-Dichlorobenzene	6.54	146	661399	32.387	ng		99
13) 1,4-Dichlorobenzene	6.62	146	676267	33.024	ng		99
14) 1,2-Dichlorobenzene	6.77	146	627376	33.082	ng		99
15) Benzyl Alcohol	6.75	79	486765	33.655	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	776486	31.216	ng		97
17) 2-Methylphenol	6.87	107	534480	35.190	ng		98
18) Hexachloroethane	7.11	117	227515	30.817	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	395269	31.084	ng		100
20) 3+4-Methylphenols	7.02	107	617123	35.188	ng	#	87
22) Acetophenone	7.01	105	824468	38.106	ng	#	96
24) Nitrobenzene	7.18	77	627194	37.056	ng		97
25) Isophorone	7.42	82	1118373	35.535	ng		99
26) 2-Nitrophenol	7.50	139	339903	40.665	ng		95
27) 2,4-Dimethylphenol	7.55	122	568163	41.516	ng		98
28) bis(2-Chloroethoxy)methane	7.64	93	712341	35.810	ng		100
29) 2,4-Dichlorophenol	7.74	162	540461	38.268	ng		99
30) 1,2,4-Trichlorobenzene	7.82	180	573920	36.789	ng		100
31) Naphthalene	7.90	128	1739353	37.493	ng		100
32) Benzoic acid	7.62	122	22902m	2.344	ng		
33) 4-Chloroaniline	7.95	127	422277	19.917	ng		99
34) Hexachlorobutadiene	8.03	225	309372	36.188	ng		98
35) Caprolactam	8.32	113	166644m	35.095	ng		
36) 4-Chloro-3-methylphenol	8.44	107	544144	38.044	ng		98
37) 2-Methylnaphthalene	8.60	142	1179215	37.699	ng		97
38) 1-Methylnaphthalene	8.69	142	1120562	37.509	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	525856	40.539	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	211716	27.525	ng		99
43) 2,4,6-Trichlorophenol	8.87	196	378201	37.765	ng		99
44) 2,4,5-Trichlorophenol	8.91	196	405510	39.320	ng		98
46) 1,1'-Biphenyl	9.06	154	1382453	37.639	ng		98
47) 2-Chloronaphthalene	9.08	162	1111289	37.300	ng		97
48) 2-Nitroaniline	9.17	65	331307	38.142	ng		92
49) Acenaphthylene	9.49	152	1763945	38.000	ng		100
50) Dimethylphthalate	9.37	163	1544693	45.738	ng		99
51) 2,6-Dinitrotoluene	9.42	165	300763	38.574	ng		89
52) Acenaphthene	9.66	154	1025092	35.291	ng		99
53) 3-Nitroaniline	9.58	138	304760	32.030	ng		99
54) 2,4-Dinitrophenol	9.68	184	31486	14.471	ng	#	85
55) Dibenzofuran	9.83	168	1527691	36.644	ng		100
56) 4-Nitrophenol	9.75	139	552287	72.401	ng		98
57) 2,4-Dinitrotoluene	9.81	165	388770	38.616	ng		92
58) Fluorene	10.17	166	1088070	38.205	ng		97
59) 2,3,4,6-Tetrachlorophenol	9.95	232	325129	37.597	ng		98
60) Diethylphthalate	10.06	149	1253882	36.935	ng		100
61) 4-Chlorophenyl-phenylether	10.17	204	520727	38.494	ng		99
62) 4-Nitroaniline	10.19	138	334859	35.081	ng		99
63) Azobenzene	10.33	77	1131458	35.683	ng		99
65) 4,6-Dinitro-2-methylphenol	10.22	198	48281	13.987	ng		87
66) n-Nitrosodiphenylamine	10.29	169	1055920	37.601	ng		99
67) 4-Bromophenyl-phenylether	10.65	248	365061	37.355	ng		99
68) Hexachlorobenzene	10.72	284	396839	37.411	ng		97
69) Atrazine	10.82	200	334542	37.034	ng		98
70) Pentachlorophenol	10.91	266	453260	67.072	ng		97
71) Phenanthrene	11.12	178	1908832	39.332	ng		100
72) Anthracene	11.18	178	1880070	38.378	ng		100
73) Carbazole	11.33	167	1640811	37.508	ng		100
74) Di-n-butylphthalate	11.68	149	1895045	37.489	ng		99
75) Fluoranthene	12.31	202	2246610	46.397	ng		98
77) Benzidine	12.42	184	546870	19.665	ng	#	95
78) Pyrene	12.53	202	2261154	46.981	ng		98
80) Butylbenzylphthalate	13.17	149	866988	40.819	ng		93
81) Benzo(a)anthracene	13.71	228	1970512	43.850	ng		99
82) 3,3'-Dichlorobenzidine	13.68	252	483180	29.775	ng		99
83) Chrysene	13.75	228	1806721	43.892	ng		99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1148330	41.261	ng		100
85) Di-n-octyl phthalate	14.34	149	1951325	41.730	ng		100
86) Indeno(1,2,3-cd)pyrene	16.35	276	1293592	26.558	ng		98
88) Benzo(b)fluoranthene	14.71	252	1908565	51.795	ng		98
89) Benzo(k)fluoranthene	14.74	252	1261477	38.174	ng		98
90) Benzo(a)pyrene	15.03	252	1482390	44.634	ng		99
91) Dibenzo(a,h)anthracene	16.37	278	1043316	33.649	ng		97
92) Benzo(g,h,i)perylene	16.73	276	1073216	34.199	ng		99

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

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