Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062719\
Data File : BF115229.D
Acq On : 27 Jun 2019 12:01
Operator : HP/JU
Sample : PB120942BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120942BSD

Manual Integrations APPROVED
mohammad
6/28/2019 2:58:10 PM

Quant Time: Jun 28 05:12:54 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 05:09:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	273748	20.00	ng		-0.02
21) Naphthalene-d8	7.88	136	1070391	20.00	ng		-0.02
39) Acenaphthene-d10	9.62	164	503897	20.00	ng		-0.02
64) Phenanthrene-d10	11.09	188	959836	20.00	ng		-0.02
76) Chrysene-d12	13.72	240	750875	20.00	ng		-0.03
87) Perylene-d12	15.09	264	716758	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1210646	68.25	ng		0.00
7) Phenol-d6	6.24	99	1473977	68.46	ng		-0.02
23) Nitrobenzene-d5	7.16	82	1248159	71.73	ng		-0.02
42) 2,4,6-Tribromophenol	10.41	330	411755	77.49	ng		-0.02
45) 2-Fluorobiphenyl	8.96	172	2338791	78.84	ng		-0.02
79) Terphenyl-d14	12.68	244	2445174	69.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	294389	35.163	ng		98
3) Pyridine	2.88	79	718608	30.454	ng		97
4) n-Nitrosodimethylamine	2.83	42	298821	32.303	ng		95
6) Aniline	6.25	93	584778	19.761	ng	#	4
8) 2-Chlorophenol	6.38	128	741484	37.173	ng		98
9) Benzaldehyde	6.14	77	5259	0.374	ng		93
10) Phenol	6.25	94	863714	34.246	ng		94
11) bis(2-Chloroethyl)ether	6.34	93	680107	36.582	ng		99
12) 1,3-Dichlorobenzene	6.54	146	799558	36.118	ng		99
13) 1,4-Dichlorobenzene	6.61	146	810709	36.520	ng		99
14) 1,2-Dichlorobenzene	6.77	146	759448	36.943	ng		99
15) Benzyl Alcohol	6.74	79	550573	35.117	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.88	45	963580	35.735	ng		98
17) 2-Methylphenol	6.87	107	617960	37.533	ng		99
18) Hexachloroethane	7.11	117	291299	36.399	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	469028	34.026	ng		99
20) 3+4-Methylphenols	7.02	107	705674	37.118	ng	#	79
22) Acetophenone	7.01	105	975978	39.828	ng	#	95
24) Nitrobenzene	7.18	77	742605	38.739	ng		99
25) Isophorone	7.42	82	1359708	38.145	ng		100
26) 2-Nitrophenol	7.50	139	416251	43.970	ng		99
27) 2,4-Dimethylphenol	7.55	122	676129	43.621	ng		100
28) bis(2-Chloroethoxy)methane	7.64	93	847124	37.601	ng		99
29) 2,4-Dichlorophenol	7.74	162	632315	39.530	ng		100
30) 1,2,4-Trichlorobenzene	7.82	180	705770	39.945	ng		99
31) Naphthalene	7.90	128	2115067	40.254	ng		100
32) Benzoic acid	7.68	122	521757	47.158	ng		99
33) 4-Chloroaniline	7.95	127	555576	23.136	ng		99
34) Hexachlorobutadiene	8.03	225	384678	39.729	ng		98
35) Caprolactam	8.32	113	199434m	37.084	ng		
36) 4-Chloro-3-methylphenol	8.44	107	628222	38.781	ng		97
37) 2-Methylnaphthalene	8.59	142	1436668	40.553	ng		100
38) 1-Methylnaphthalene	8.69	142	1348561	39.857	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.76	216	601749	42.260	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.75	237	627907	74.367 ng	99
43) 2,4,6-Trichlorophenol	8.87	196	471158	42.859 ng	98
44) 2,4,5-Trichlorophenol	8.91	196	458234	40.477 ng	98
46) 1,1'-Biphenyl	9.05	154	1658089	41.124 ng	99
47) 2-Chloronaphthalene	9.08	162	1312612	40.135 ng	99
48) 2-Nitroaniline	9.17	65	371413	38.953 ng	91
49) Acenaphthylene	9.49	152	2027157	39.783 ng	100
50) Dimethylphthalate	9.36	163	1480068	39.923 ng	100
51) 2,6-Dinitrotoluene	9.41	165	350991	41.009 ng	99
52) Acenaphthene	9.66	154	1259292	39.495 ng	100
53) 3-Nitroaniline	9.58	138	267385	25.600 ng	97
54) 2,4-Dinitrophenol	9.68	184	400192	89.869 ng	93
55) Dibenzofuran	9.83	168	1780405	38.904 ng	100
56) 4-Nitrophenol	9.75	139	633057	75.602 ng	96
57) 2,4-Dinitrotoluene	9.81	165	457457	41.394 ng	92
58) Fluorene	10.17	166	1258411	40.667 ng	98
59) 2,3,4,6-Tetrachlorophenol	9.95	232	406435	42.815 ng	98
60) Diethylphthalate	10.06	149	1449346	38.892 ng	100
61) 4-Chlorophenyl-phenylether	10.17	204	615854	42.093 ng	97
62) 4-Nitroaniline	10.19	138	354136	33.798 ng	99
63) Azobenzene	10.32	77	1319145	37.898 ng	96
65) 4,6-Dinitro-2-methylphenol	10.22	198	234963	46.213 ng	91
66) n-Nitrosodiphenylamine	10.28	169	1208325	40.407 ng	99
67) 4-Bromophenyl-phenylether	10.65	248	424777	40.818 ng	97
68) Hexachlorobenzene	10.72	284	460452	40.763 ng	98
69) Atrazine	10.82	200	324498	33.734 ng	100
70) Pentachlorophenol	10.91	266	571977	79.483 ng	98
71) Phenanthrene	11.12	178	1980728	38.328 ng	100
72) Anthracene	11.17	178	2026904	38.855 ng	99
73) Carbazole	11.33	167	1816594	38.997 ng	99
74) Di-n-butylphthalate	11.68	149	2123069	39.441 ng	99
75) Fluoranthene	12.30	202	2017575	39.129 ng	99
77) Benzidine	12.42	184	475713	14.268 ng	99
78) Pyrene	12.52	202	2051462	35.551 ng	98
80) Butylbenzylphthalate	13.16	149	949169	37.272 ng	98
81) Benzo(a)anthracene	13.71	228	1874376	34.789 ng	100
82) 3,3'-Dichlorobenzidine	13.68	252	616215	31.672 ng	99
83) Chrysene	13.75	228	1776030	35.986 ng	99
84) Bis(2-ethylhexyl)phthalate	13.73	149	1233641	36.970 ng	99
85) Di-n-octyl phthalate	14.35	149	2125122	37.905 ng	99
86) Indeno(1,2,3-cd)pyrene	16.37	276	2246913	38.475 ng	99
88) Benzo(b)fluoranthene	14.72	252	1966962	43.980 ng	99
89) Benzo(k)fluoranthene	14.75	252	1825898	45.525 ng	98
90) Benzo(a)pyrene	15.04	252	1872219	46.445 ng	99
91) Dibenzo(a,h)anthracene	16.38	278	1851846	49.209 ng	99
92) Benzo(g,h,i)perylene	16.75	276	1931955	50.724 ng	99

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

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