Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
Data File : BF112264.D
Acq On : 28 Jan 2019 10:23
Operator : JU/SJ
Sample : PB116607BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB116607BS

Manual Integrations APPROVED
mohammad
1/29/2019 9:34:44 AM

Quant Time: Jan 29 00:07:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	217752	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	867282	20.00	ng		0.00
39) Acenaphthene-d10	9.88	164	417319	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	847713	20.00	ng		0.00
76) Chrysene-d12	14.01	240	727899	20.00	ng		0.00
87) Perylene-d12	15.47	264	672064	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1457942	142.22	ng		0.00
7) Phenol-d6	6.49	99	1835931	128.88	ng		0.00
23) Nitrobenzene-d5	7.40	82	1127124	74.88	ng		0.00
42) 2,4,6-Tribromophenol	10.67	330	617270	127.08	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2174256	73.69	ng		0.00
79) Terphenyl-d14	12.95	244	2476672	64.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	305176	74.728	ng		97
3) Pyridine	3.45	79	465679	44.827	ng		98
4) n-Nitrosodimethylamine	3.39	42	206833	47.390	ng		97
6) Aniline	6.51	93	518259	30.584	ng	#	69
8) 2-Chlorophenol	6.64	128	587060	42.568	ng		99
9) Benzaldehyde	6.39	77	124936	16.780	ng		95
10) Phenol	6.50	94	663948	42.483	ng		96
11) bis(2-Chloroethyl)ether	6.58	93	523441	42.542	ng		97
12) 1,3-Dichlorobenzene	6.79	146	641582	39.946	ng		99
13) 1,4-Dichlorobenzene	6.86	146	653525	39.537	ng		100
14) 1,2-Dichlorobenzene	7.02	146	614256	39.691	ng		98
15) Benzyl Alcohol	6.99	79	471369	39.253	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	670552	42.445	ng		73
17) 2-Methylphenol	7.11	107	467985	42.807	ng		93
18) Hexachloroethane	7.36	117	226749	39.064	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	389298	39.633	ng		96
20) 3+4-Methylphenols	7.26	107	599520	42.884	ng	#	63
22) Acetophenone	7.25	105	763907	36.173	ng	#	96
24) Nitrobenzene	7.43	77	585336	38.938	ng		95
25) Isophorone	7.66	82	1060146	44.897	ng		98
26) 2-Nitrophenol	7.75	139	326844	40.685	ng		96
27) 2,4-Dimethylphenol	7.79	122	519666	46.951	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	682533	42.450	ng		99
29) 2,4-Dichlorophenol	7.99	162	523601	42.273	ng		100
30) 1,2,4-Trichlorobenzene	8.07	180	560726	39.384	ng		99
31) Naphthalene	8.15	128	1710574	42.176	ng		99
32) Benzoic acid	7.92	122	251329	39.808	ng		92
33) 4-Chloroaniline	8.20	127	449834	25.472	ng		97
34) Hexachlorobutadiene	8.26	225	305992	36.625	ng		99
35) Caprolactam	8.56	113	169831m	38.867	ng		
36) 4-Chloro-3-methylphenol	8.69	107	529815	40.406	ng		100
37) 2-Methylnaphthalene	8.84	142	1144110	41.207	ng		99
38) 1-Methylnaphthalene	8.94	142	1034538	38.874	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	497151	36.283	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	372796	72.764	ng		97
43) 2,4,6-Trichlorophenol	9.12	196	328039	38.839	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	346074	39.205	ng		98
46) 1,1'-Biphenyl	9.30	154	1354716	37.132	ng		99
47) 2-Chloronaphthalene	9.33	162	1049612	37.099	ng		97
48) 2-Nitroaniline	9.43	65	298617	38.725	ng		97
49) Acenaphthylene	9.75	152	1718911	41.452	ng		99
50) Dimethylphthalate	9.60	163	1295990	39.971	ng		99
51) 2,6-Dinitrotoluene	9.67	165	299791	41.284	ng		99
52) Acenaphthene	9.92	154	995358	40.182	ng		99
53) 3-Nitroaniline	9.83	138	217684	27.670	ng		93
54) 2,4-Dinitrophenol	9.96	184	217176	93.190	ng		96
55) Dibenzofuran	10.09	168	1524492	40.272	ng		97
56) 4-Nitrophenol	10.02	139	351232	84.446	ng		99
57) 2,4-Dinitrotoluene	10.07	165	386856	41.847	ng	#	88
58) Fluorene	10.43	166	1222167	43.144	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	313224	46.955	ng		98
60) Diethylphthalate	10.30	149	1288878	40.056	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	591036	38.355	ng		93
62) 4-Nitroaniline	10.46	138	301433	39.064	ng		93
63) Azobenzene	10.58	77	1079001	38.129	ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	165821	34.889	ng		99
66) n-Nitrosodiphenylamine	10.54	169	1090841	38.181	ng		99
67) 4-Bromophenyl-phenylether	10.91	248	382642	38.378	ng		95
68) Hexachlorobenzene	10.99	284	410502	38.376	ng		97
69) Atrazine	11.07	200	367698	39.886	ng		98
70) Pentachlorophenol	11.19	266	307441	73.864	ng		99
71) Phenanthrene	11.39	178	1760292	39.942	ng		99
72) Anthracene	11.45	178	1834750	41.793	ng		100
73) Carbazole	11.60	167	1621529	37.445	ng		99
74) Di-n-butylphthalate	11.92	149	2019017	37.562	ng		100
75) Fluoranthene	12.58	202	1863076	39.414	ng		99
77) Benzidine	12.70	184	703201	35.100	ng		96
78) Pyrene	12.81	202	1785605	35.432	ng		100
80) Butylbenzylphthalate	13.42	149	924806	37.929	ng		94
81) Benzo(a)anthracene	14.00	228	1774842	41.478	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	441891	27.594	ng		98
83) Chrysene	14.04	228	1649389	40.382	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1296032	37.447	ng		99
85) Di-n-octyl phthalate	14.59	149	2065299	38.786	ng		98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1541655	47.634	ng		98
88) Benzo(b)fluoranthene	15.05	252	1723013	42.869	ng		99
89) Benzo(k)fluoranthene	15.08	252	1534020	39.846	ng		99
90) Benzo(a)pyrene	15.42	252	1552283	42.922	ng		99
91) Dibenzo(a,h)anthracene	16.96	278	1286420	44.136	ng		99
92) Benzo(g,h,i)perylene	17.40	276	1233751	44.866	ng		99

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

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