Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114651.D
Acq On : 30 May 2019 9:18
Operator : HP/JU
Sample : PB119288BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB119288BS

Manual Integrations APPROVED
mohammad
6/3/2019 8:46:51 AM

Quant Time: May 30 14:27:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 19:08:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	196086	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	825523	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	416556	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	795589	20.00	ng	0.00
76) Chrysene-d12	13.82	240	482107	20.00	ng	0.00
87) Perylene-d12	15.20	264	419918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1274799	114.14	ng	0.02
7) Phenol-d6	6.33	99	1579993	117.40	ng	0.00
23) Nitrobenzene-d5	7.25	82	817936	61.82	ng	0.00
42) 2,4,6-Tribromophenol	10.50	330	434983	109.59	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1692780	67.51	ng	0.00
79) Terphenyl-d14	12.77	244	1824278	71.14	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	470791	87.841	ng	98
3) Pyridine	3.16	79	1246812	79.934	ng	98
4) n-Nitrosodimethylamine	3.10	42	527678	83.598	ng	98
6) Aniline	6.35	93	1144438	56.296	ng	98
8) 2-Chlorophenol	6.48	128	1199590	93.006	ng	99
9) Benzaldehyde	6.23	77	220647	28.734	ng	97
10) Phenol	6.34	94	1459369	89.763	ng	97
11) bis(2-Chloroethyl)ether	6.43	93	1097387	88.244	ng	98
12) 1,3-Dichlorobenzene	6.63	146	1227744	83.550	ng	97
13) 1,4-Dichlorobenzene	6.71	146	1251324	84.883	ng	98
14) 1,2-Dichlorobenzene	6.86	146	1197195	89.202	ng	99
15) Benzyl Alcohol	6.84	79	970850	91.708	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1589947	83.358	ng	99
17) 2-Methylphenol	6.96	107	987895	90.557	ng	100
18) Hexachloroethane	7.21	117	467737	83.801	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	773600	83.275	ng	99
20) 3+4-Methylphenols	7.10	107	1101823	85.876	ng	96
22) Acetophenone	7.10	105	1503884	85.499	ng	97
24) Nitrobenzene	7.27	77	1215227	86.458	ng	94
25) Isophorone	7.52	82	2239646	84.341	ng	99
26) 2-Nitrophenol	7.59	139	629581	92.019	ng	99
27) 2,4-Dimethylphenol	7.64	122	1104971	97.108	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	1409382	83.376	ng	99
29) 2,4-Dichlorophenol	7.83	162	1040265	89.817	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	1118854	84.791	ng	100
31) Naphthalene	8.00	128	3237022	85.129	ng	100
32) Benzoic acid	7.77	122	797890	107.958	ng	97
33) 4-Chloroaniline	8.05	127	878346	48.484	ng	98
34) Hexachlorobutadiene	8.13	225	598275	81.617	ng	99
35) Caprolactam	8.42	113	319835m	81.829	ng	
36) 4-Chloro-3-methylphenol	8.53	107	1040157	89.553	ng	97
37) 2-Methylnaphthalene	8.69	142	2272968	89.966	ng	99
38) 1-Methylnaphthalene	8.79	142	2165934	90.484	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	923707	83.268	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1047269	142.862	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	771735	88.415	ng	99
44) 2,4,5-Trichlorophenol	9.00	196	765382	87.872	ng	99
46) 1,1'-Biphenyl	9.15	154	2600701	84.107	ng	100
47) 2-Chloronaphthalene	9.17	162	2106249	83.039	ng	100
48) 2-Nitroaniline	9.26	65	636595	81.329	ng	100
49) Acenaphthylene	9.59	152	3196738	81.580	ng	98
50) Dimethylphthalate	9.46	163	2402381	82.766	ng	99
51) 2,6-Dinitrotoluene	9.51	165	576211	85.432	ng	98
52) Acenaphthene	9.76	154	2216285	92.225	ng	99
53) 3-Nitroaniline	9.67	138	457939	55.476	ng	98
54) 2,4-Dinitrophenol	9.78	184	548368	206.124	ng	95
55) Dibenzofuran	9.93	168	2812954	82.232	ng	98
56) 4-Nitrophenol	9.84	139	1029153	168.239	ng	93
57) 2,4-Dinitrotoluene	9.91	165	763487	88.203	ng	95
58) Fluorene	10.27	166	1955282	84.654	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	641198	89.936	ng	100
60) Diethylphthalate	10.16	149	2394041	80.755	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	970129	83.949	ng	99
62) 4-Nitroaniline	10.29	138	592212	73.623	ng	97
63) Azobenzene	10.42	77	2233776	82.069	ng	99
65) 4,6-Dinitro-2-methylphenol	10.32	198	326448	92.537	ng	80
66) n-Nitrosodiphenylamine	10.38	169	1979075	84.195	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	697677	81.775	ng	98
68) Hexachlorobenzene	10.82	284	741668	80.260	ng	100
69) Atrazine	10.91	200	608636	82.181	ng	100
70) Pentachlorophenol	11.00	266	867630	162.879	ng	98
71) Phenanthrene	11.22	178	3100419	76.395	ng	99
72) Anthracene	11.27	178	3149777	76.683	ng	98
73) Carbazole	11.43	167	2863807	79.331	ng	99
74) Di-n-butylphthalate	11.77	149	3407825	77.697	ng	99
75) Fluoranthene	12.40	202	3153567	75.042	ng	98
77) Benzidine	12.52	184	1049235	52.852	ng	99
78) Pyrene	12.63	202	3180101	77.977	ng	98
80) Butylbenzylphthalate	13.26	149	1560847	76.154	ng	98
81) Benzo(a)anthracene	13.81	228	2869242	77.446	ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	992144	69.344	ng	98
83) Chrysene	13.85	228	2787723	78.757	ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	2034760	80.302	ng	100
85) Di-n-octyl phthalate	14.43	149	3402749	77.291	ng	99
86) Indeno(1,2,3-cd)pyrene	16.53	276	2788444	78.655	ng	100
88) Benzo(b)fluoranthene	14.82	252	3001113	113.472	ng	100
89) Benzo(k)fluoranthene	14.85	252	2627625	114.304	ng	100
90) Benzo(a)pyrene	15.15	252	2710074	116.641	ng	96
91) Dibenzo(a,h)anthracene	16.55	278	2321219	113.058	ng	99
92) Benzo(g,h,i)perylene	16.93	276	2300326	115.438	ng	98

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

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