Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053019\
Data File : BF114658.D
Acq On : 30 May 2019 14:00
Operator : HP/JU
Sample : PB118819BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB118819BSD

Manual Integrations APPROVED
mohammad
6/3/2019 8:47:08 AM

Quant Time: May 31 05:51:58 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	508008	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	1993551	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	980098	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	1822559	20.00	ng		0.00
76) Chrysene-d12	13.82	240	1076375	20.00	ng		0.00
87) Perylene-d12	15.20	264	1161994	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	2930319	101.27	ng		0.03
7) Phenol-d6	6.34	99	3597687	103.18	ng		0.01
23) Nitrobenzene-d5	7.26	82	2582931	80.83	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	996422	106.70	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	4257372	80.81	ng		0.00
79) Terphenyl-d14	12.78	244	4329338	75.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	467443	33.664	ng		98
3) Pyridine	3.17	79	1309938	32.416	ng		98
4) n-Nitrosodimethylamine	3.12	42	536280	32.794	ng		96
6) Aniline	6.36	93	1183636	22.474	ng		95
8) 2-Chlorophenol	6.48	128	1197741	35.844	ng		97
9) Benzaldehyde	6.23	77	371126	13.185	ng		99
10) Phenol	6.35	94	1376850	32.688	ng		94
11) bis(2-Chloroethyl)ether	6.44	93	1119850	34.759	ng		96
12) 1,3-Dichlorobenzene	6.64	146	1289472	33.871	ng		99
13) 1,4-Dichlorobenzene	6.71	146	1299327	34.021	ng		98
14) 1,2-Dichlorobenzene	6.87	146	1175789	33.815	ng		99
15) Benzyl Alcohol	6.84	79	958530	34.949	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1639856	33.185	ng		99
17) 2-Methylphenol	6.96	107	1028259	36.382	ng		99
18) Hexachloroethane	7.21	117	487546	33.716	ng		95
19) n-Nitroso-di-n-propylamine	7.12	70	815959	33.903	ng		99
20) 3+4-Methylphenols	7.11	107	1125079	33.847	ng		89
22) Acetophenone	7.10	105	1592202	37.484	ng	#	98
24) Nitrobenzene	7.27	77	1242190	36.596	ng		98
25) Isophorone	7.52	82	2282612	35.595	ng		98
26) 2-Nitrophenol	7.59	139	652615	39.499	ng		99
27) 2,4-Dimethylphenol	7.64	122	1122237	40.840	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	1437106	35.205	ng		100
29) 2,4-Dichlorophenol	7.83	162	1050001	37.541	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	1159224	36.379	ng		100
31) Naphthalene	8.00	128	3295768	35.891	ng		99
32) Benzoic acid	7.77	122	803043	44.994	ng		97
33) 4-Chloroaniline	8.04	127	811483	18.549	ng		99
34) Hexachlorobutadiene	8.13	225	628708	35.516	ng		99
35) Caprolactam	8.42	113	338995m	35.915	ng		
36) 4-Chloro-3-methylphenol	8.53	107	1052463	37.522	ng		97
37) 2-Methylnaphthalene	8.69	142	2321477	38.050	ng		99
38) 1-Methylnaphthalene	8.79	142	2178546	37.687	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	944200	36.175	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	1092460	63.339 ng	99
43) 2,4,6-Trichlorophenol	8.96	196	775575	37.765 ng	99
44) 2,4,5-Trichlorophenol	9.00	196	768378	37.493 ng	99
46) 1,1'-Biphenyl	9.15	154	2628742	36.132 ng	100
47) 2-Chloronaphthalene	9.17	162	2143978	35.925 ng	99
48) 2-Nitroaniline	9.26	65	628177	34.109 ng	99
49) Acenaphthylene	9.59	152	3185226	34.548 ng	98
50) Dimethylphthalate	9.46	163	2379999	34.849 ng	99
51) 2,6-Dinitrotoluene	9.51	165	582544	36.709 ng	98
52) Acenaphthene	9.76	154	2229706	39.434 ng	99
53) 3-Nitroaniline	9.67	138	408892	21.053 ng	98
54) 2,4-Dinitrophenol	9.78	184	540978	86.425 ng	95
55) Dibenzofuran	9.93	168	2814832	34.973 ng	98
56) 4-Nitrophenol	9.84	139	994739	69.113 ng	91
57) 2,4-Dinitrotoluene	9.91	165	759670	37.300 ng	93
58) Fluorene	10.27	166	1939511	33.955 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	636745	37.959 ng	99
60) Diethylphthalate	10.16	149	2378644	34.101 ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	974881	33.829 ng	100
62) 4-Nitroaniline	10.29	138	593135	31.340 ng	99
63) Azobenzene	10.42	77	2206315	34.452 ng	98
65) 4,6-Dinitro-2-methylphenol	10.32	198	321222	39.748 ng	84
66) n-Nitrosodiphenylamine	10.38	169	1966027	36.511 ng	99
67) 4-Bromophenyl-phenylether	10.75	248	686758	35.138 ng	98
68) Hexachlorobenzene	10.82	284	736849	34.808 ng	100
69) Atrazine	10.91	200	606883	33.840 ng	99
70) Pentachlorophenol	11.00	266	853281	69.925 ng	97
71) Phenanthrene	11.22	178	3066879	32.987 ng	99
72) Anthracene	11.27	178	3094372	32.885 ng	98
73) Carbazole	11.42	167	2817339	34.068 ng	99
74) Di-n-butylphthalate	11.77	149	3321188	30.519 ng	99
75) Fluoranthene	12.40	202	3117261	32.380 ng	99
77) Benzidine	12.52	184	1139236	25.703 ng	100
78) Pyrene	12.63	202	3129947	34.375 ng	98
80) Butylbenzylphthalate	13.26	149	1528715	33.407 ng	100
81) Benzo(a)anthracene	13.81	228	2812818	34.006 ng	99
82) 3,3'-Dichlorobenzidine	13.77	252	918407	28.751 ng	98
83) Chrysene	13.84	228	2724696	34.478 ng	99
84) Bis(2-ethylhexyl)phthalate	13.82	149	1862784	32.927 ng	99
85) Di-n-octyl phthalate	14.43	149	3316622	33.742 ng	98
86) Indeno(1,2,3-cd)pyrene	16.53	276	2701328	34.129 ng	100
88) Benzo(b)fluoranthene	14.82	252	3031699	41.424 ng	99
89) Benzo(k)fluoranthene	14.84	252	2446917	38.466 ng	99
90) Benzo(a)pyrene	15.15	252	2641759	41.089 ng	98
91) Dibenzo(a,h)anthracene	16.54	278	2254562	39.683 ng	99
92) Benzo(g,h,i)perylene	16.92	276	2222662	40.308 ng	99

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

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