Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF053119\
Data File : BF114700.D
Acq On : 31 May 2019 11:34
Operator : HP/JU
Sample : PB120137BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120137BS

Manual Integrations APPROVED
mohammad
6/3/2019 8:49:19 AM

Quant Time: Jun 01 00:39:19 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	6.70	152	1569481	20.00	ng		0.01
21) Naphthalene-d8	7.99	136	5571992	20.00	ng		0.01
39) Acenaphthene-d10	9.73	164	2884228	20.00	ng		0.01
64) Phenanthrene-d10	11.21	188	4791802	20.00	ng		0.02
76) Chrysene-d12	13.83	240	3275891	20.00	ng		0.02
87) Perylene-d12	15.23	264	3401028	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	7789892	87.14	ng		0.06
7) Phenol-d6	6.38	99	9490714	88.10	ng		0.05
23) Nitrobenzene-d5	7.28	82	6821481	76.38	ng		0.02
42) 2,4,6-Tribromophenol	10.53	330	2955447	107.54	ng		0.03
45) 2-Fluorobiphenyl	9.06	172	8604834	49.33	ng		0.01
79) Terphenyl-d14	12.80	244	9058760	51.99	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	320351	7.468	ng		97
4) n-Nitrosodimethylamine	3.10	42	354202	7.011	ng		96
6) Aniline	6.41	93	672979	4.136	ng		96
8) 2-Chlorophenol	6.50	128	703891	6.818	ng		95
9) Benzaldehyde	6.25	77	338544	Below Cal			96
10) Phenol	6.39	94	889182	6.833	ng		96
11) bis(2-Chloroethyl)ether	6.46	93	658347	6.614	ng		100
12) 1,3-Dichlorobenzene	6.65	146	949163	8.070	ng		98
13) 1,4-Dichlorobenzene	6.72	146	921061	7.806	ng		99
14) 1,2-Dichlorobenzene	6.88	146	718880	6.692	ng		100
15) Benzyl Alcohol	6.85	79	718755	8.483	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1140564	7.471	ng		99
17) 2-Methylphenol	6.96	107	752855	8.622	ng		99
18) Hexachloroethane	7.22	117	349133	7.815	ng		92
19) n-Nitroso-di-n-propylamine	7.13	70	617379	8.303	ng		99
20) 3+4-Methylphenols	7.12	107	875363	8.524	ng		92
22) Acetophenone	7.12	105	1213468	10.221	ng	#	98
24) Nitrobenzene	7.29	77	790937	8.337	ng		95
25) Isophorone	7.52	82	1647344	9.191	ng		100
26) 2-Nitrophenol	7.60	139	476679	10.322	ng		95
27) 2,4-Dimethylphenol	7.64	122	818590	10.658	ng		99
28) bis(2-Chloroethoxy)methane	7.73	93	1047918	9.185	ng		99
29) 2,4-Dichlorophenol	7.84	162	782901	10.015	ng		100
30) 1,2,4-Trichlorobenzene	7.93	180	853360	9.581	ng		99
31) Naphthalene	8.00	128	2403039	9.363	ng		99
32) Benzoic acid	7.76	122	517582	10.376	ng		98
33) 4-Chloroaniline	8.05	127	706848	5.781	ng		99
34) Hexachlorobutadiene	8.13	225	457927	9.255	ng		99
35) Caprolactam	8.43	113	235004	8.908	ng		94
36) 4-Chloro-3-methylphenol	8.53	107	769407	9.814	ng		100
37) 2-Methylnaphthalene	8.69	142	1744674	10.231	ng		99
38) 1-Methylnaphthalene	8.79	142	1653241	10.233	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	735076	9.570	ng		99
41) Hexachlorocyclopentadiene	8.85	237	927517	18.274	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.97	196	582880	9.645	ng		99
44) 2,4,5-Trichlorophenol	9.01	196	578651	9.595	ng		99
46) 1,1'-Biphenyl	9.16	154	2065965	9.650	ng		99
47) 2-Chloronaphthalene	9.18	162	1642874	9.355	ng		99
48) 2-Nitroaniline	9.27	65	462662	8.537	ng		91
49) Acenaphthylene	9.59	152	2490811	9.180	ng		99
50) Dimethylphthalate	9.46	163	1857676	9.243	ng		99
51) 2,6-Dinitrotoluene	9.52	165	439057	9.402	ng		94
52) Acenaphthene	9.76	154	1653117	9.935	ng		99
53) 3-Nitroaniline	9.67	138	315819	5.526	ng		98
54) 2,4-Dinitrophenol	9.79	184	369404	20.054	ng		96
55) Dibenzofuran	9.93	168	2163505	9.134	ng		99
56) 4-Nitrophenol	9.85	139	747936	17.659	ng		98
57) 2,4-Dinitrotoluene	9.92	165	572042	9.544	ng	#	84
58) Fluorene	10.27	166	1533450	4.982	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	476462	9.652	ng		99
60) Diethylphthalate	10.16	149	1855288	9.038	ng		100
61) 4-Chlorophenyl-phenylether	10.27	204	772815	5.359	ng		97
62) 4-Nitroaniline	10.29	138	443889	7.970	ng		94
63) Azobenzene	10.43	77	1673679	8.881	ng		98
65) 4,6-Dinitro-2-methylphenol	10.33	198	232667	10.950	ng		80
66) n-Nitrosodiphenylamine	10.39	169	1550397	10.951	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	524000	10.197	ng		93
68) Hexachlorobenzene	10.82	284	560650	10.073	ng		98
69) Atrazine	10.92	200	480884	8.832	ng		99
70) Pentachlorophenol	11.02	266	615729	19.192	ng		98
71) Phenanthrene	11.23	178	2282848	9.339	ng		100
72) Anthracene	11.28	178	2412136	9.750	ng		99
73) Carbazole	11.43	167	2139987	9.842	ng		99
74) Di-n-butylphthalate	11.77	149	2658366	6.422	ng		98
75) Fluoranthene	12.40	202	2328650	9.200	ng		100
77) Benzidine	12.52	184	942430	6.986	ng		98
78) Pyrene	12.63	202	2327796	8.400	ng		99
80) Butylbenzylphthalate	13.26	149	1128517	8.103	ng		98
81) Benzo(a)anthracene	13.81	228	1851425	7.355	ng		98
82) 3,3'-Dichlorobenzidine	13.78	252	583773	6.005	ng		97
83) Chrysene	13.86	228	1816108	7.551	ng		98
84) Bis(2-ethylhexyl)phthalate	13.82	149	1121416	6.513	ng		99
85) Di-n-octyl phthalate	14.43	149	2312445	7.730	ng		96
86) Indeno(1,2,3-cd)pyrene	16.54	276	1633556	6.781	ng		99
88) Benzo(b)fluoranthene	14.83	252	1650793m	7.706	ng		
89) Benzo(k)fluoranthene	14.86	252	1574442	8.456	ng		97
90) Benzo(a)pyrene	15.16	252	1507044	8.008	ng		100
91) Dibenzo(a,h)anthracene	16.56	278	1356075	8.155	ng		99
92) Benzo(g,h,i)perylene	16.94	276	1364283	8.453	ng		99

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

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