Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
Data File : BF114290.D
Acq On : 15 May 2019 17:47
Operator : JU/SJ
Sample : PB119740BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB119740BS

Manual Integrations APPROVED
mohammad
5/16/2019 9:51:03 AM

Quant Time: May 16 07:50:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	266426	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	1064305	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	499346	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	980143	20.00	ng		0.00
76) Chrysene-d12	14.02	240	682104	20.00	ng		0.00
87) Perylene-d12	15.49	264	671761	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1686142	101.85	ng		0.02
7) Phenol-d6	6.50	99	2170218	110.83	ng		0.00
23) Nitrobenzene-d5	7.41	82	1231644	64.94	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	532361	103.12	ng		0.00
45) 2-Fluorobiphenyl	9.20	172	2114758	64.06	ng		0.00
79) Terphenyl-d14	12.96	244	2071075	62.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	289149	31.775	ng		99
3) Pyridine	3.48	79	750952	29.951	ng		96
4) n-Nitrosodimethylamine	3.43	42	374078	30.940	ng		93
6) Aniline	6.52	93	657758	23.254	ng	#	32
8) 2-Chlorophenol	6.65	128	637500	36.069	ng		92
9) Benzaldehyde	6.40	77	276872	20.198	ng		98
10) Phenol	6.52	94	773384	33.575	ng		89
11) bis(2-Chloroethyl)ether	6.59	93	641849	36.703	ng		97
12) 1,3-Dichlorobenzene	6.79	146	670602	33.801	ng		100
13) 1,4-Dichlorobenzene	6.86	146	680870	34.057	ng		99
14) 1,2-Dichlorobenzene	7.02	146	623596	34.142	ng		99
15) Benzyl Alcohol	6.99	79	535409	35.058	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1142645	33.699	ng		75
17) 2-Methylphenol	7.12	107	523024	36.024	ng	#	91
18) Hexachloroethane	7.36	117	255095	33.994	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	439759	35.432	ng		98
20) 3+4-Methylphenols	7.27	107	652159	38.878	ng	#	60
22) Acetophenone	7.26	105	853668	36.206	ng		93
24) Nitrobenzene	7.43	77	695287	35.996	ng		93
25) Isophorone	7.67	82	1256614	35.728	ng		99
26) 2-Nitrophenol	7.75	139	359889	38.403	ng		95
27) 2,4-Dimethylphenol	7.79	122	577904	39.264	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	807517	35.385	ng		99
29) 2,4-Dichlorophenol	8.00	162	534904	36.497	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	565682	33.943	ng		98
31) Naphthalene	8.15	128	1817531	36.559	ng		99
32) Benzoic acid	7.93	122	341421	34.795	ng		96
33) 4-Chloroaniline	8.20	127	502178	22.166	ng		98
34) Hexachlorobutadiene	8.27	225	311041	32.801	ng		98
35) Caprolactam	8.57	113	191036m	39.974	ng		
36) 4-Chloro-3-methylphenol	8.70	107	566802	38.421	ng		100
37) 2-Methylnaphthalene	8.85	142	1223257	38.136	ng		97
38) 1-Methylnaphthalene	8.95	142	1154848	38.232	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	542001	35.832	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	376757	54.897	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	356284	34.244	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	373302	34.986	ng		97
46) 1,1'-Biphenyl	9.31	154	1459647	36.183	ng		98
47) 2-Chloronaphthalene	9.33	162	1114820	34.339	ng		100
48) 2-Nitroaniline	9.43	65	396807	34.463	ng		96
49) Acenaphthylene	9.75	152	1796677	36.386	ng		99
50) Dimethylphthalate	9.60	163	1298147	35.414	ng		99
51) 2,6-Dinitrotoluene	9.67	165	293284	36.072	ng		89
52) Acenaphthene	9.92	154	1024528	33.812	ng		99
53) 3-Nitroaniline	9.85	138	243846	24.161	ng		97
54) 2,4-Dinitrophenol	9.96	184	257789	64.484	ng		92
55) Dibenzofuran	10.09	168	1518916	34.186	ng		99
56) 4-Nitrophenol	10.03	139	388587	54.444	ng		93
57) 2,4-Dinitrotoluene	10.08	165	376630	34.129	ng	#	88
58) Fluorene	10.44	166	1204964	35.110	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	304701	33.096	ng		99
60) Diethylphthalate	10.30	149	1260314	33.838	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	579135	34.358	ng		98
62) 4-Nitroaniline	10.46	138	336371	31.717	ng		96
63) Azobenzene	10.59	77	1260821	34.973	ng		99
65) 4,6-Dinitro-2-methylphenol	10.50	198	172244	36.572	ng		97
66) n-Nitrosodiphenylamine	10.55	169	1084109	36.444	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	369890	34.275	ng		94
68) Hexachlorobenzene	10.99	284	400739	33.567	ng		94
69) Atrazine	11.07	200	321805	34.762	ng		99
70) Pentachlorophenol	11.19	266	334181	59.049	ng		100
71) Phenanthrene	11.40	178	1701346	35.679	ng		98
72) Anthracene	11.45	178	1763675	36.823	ng		99
73) Carbazole	11.60	167	1673970	36.651	ng		99
74) Di-n-butylphthalate	11.93	149	1910660	36.311	ng		100
75) Fluoranthene	12.59	202	1838318	35.799	ng		98
77) Benzidine	12.70	184	847160	27.668	ng		98
78) Pyrene	12.82	202	1859703	33.892	ng		100
80) Butylbenzylphthalate	13.42	149	835977	36.196	ng		95
81) Benzo(a)anthracene	14.00	228	1555206	35.251	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	469679	27.443	ng		97
83) Chrysene	14.04	228	1531458	35.411	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1115756	36.937	ng		98
85) Di-n-octyl phthalate	14.60	149	1873385	38.258	ng		100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1333873	34.898	ng		99
88) Benzo(b)fluoranthene	15.06	252	1536026	35.691	ng		99
89) Benzo(k)fluoranthene	15.09	252	1454489	36.791	ng		99
90) Benzo(a)pyrene	15.43	252	1433317	37.842	ng		100
91) Dibenzo(a,h)anthracene	16.98	278	1109910	35.265	ng		99
92) Benzo(g,h,i)perylene	17.42	276	1118320	35.456	ng		99

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

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