Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012519\
Data File : BF112233.D
Acq On : 25 Jan 2019 15:11
Operator : JU/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
mohammad
1/29/2019 12:31:25 AM

Quant Time: Jan 25 15:47:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 25 15:22:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	195766	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	578584	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	354368	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	689674	20.00	ng		0.00
76) Chrysene-d12	14.02	240	463267	20.00	ng		0.00
87) Perylene-d12	15.47	264	380681	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1181287	109.52	ng		0.00
7) Phenol-d6	6.50	99	1517224	112.43	ng		0.00
23) Nitrobenzene-d5	7.42	82	1434185	171.26	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	504122	131.87	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2514900	104.05	ng		0.00
79) Terphenyl-d14	12.96	244	2725073	125.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	203823	40.293	ng		96
3) Pyridine	3.37	79	507154	40.029	ng		98
4) n-Nitrosodimethylamine	3.33	42	223989	43.543	ng	#	89
6) Aniline	6.52	93	903160	55.027	ng	#	55
8) 2-Chlorophenol	6.64	128	722037	57.640	ng		95
9) Benzaldehyde	6.40	77	343802	45.008	ng		96
10) Phenol	6.52	94	835478	56.649	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	650651	55.486	ng		98
12) 1,3-Dichlorobenzene	6.79	146	820064	57.365	ng		99
13) 1,4-Dichlorobenzene	6.86	146	843002	57.650	ng		96
14) 1,2-Dichlorobenzene	7.02	146	769512	57.130	ng		96
15) Benzyl Alcohol	7.00	79	611066	60.778	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	795173	47.022	ng		69
17) 2-Methylphenol	7.12	107	545096	57.943	ng	#	90
18) Hexachloroethane	7.36	117	294014	60.242	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	482839	58.732	ng		98
20) 3+4-Methylphenols	7.27	107	682262	59.815	ng	#	80
22) Acetophenone	7.26	105	989930	73.852	ng	#	96
24) Nitrobenzene	7.43	77	715433	80.609	ng		99
25) Isophorone	7.67	82	1052364	65.059	ng		99
26) 2-Nitrophenol	7.75	139	360987	86.153	ng		96
27) 2,4-Dimethylphenol	7.79	122	476656	63.483	ng		94
28) bis(2-Chloroethoxy)methane	7.87	93	698212	62.927	ng		98
29) 2,4-Dichlorophenol	8.00	162	550509	67.117	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	541281	56.865	ng		99
31) Naphthalene	8.16	128	1640122	62.325	ng		99
32) Benzoic acid	7.95	122	313115m	101.367	ng		
33) 4-Chloroaniline	8.20	127	734425	62.098	ng		98
34) Hexachlorobutadiene	8.27	225	354221	66.869	ng		100
35) Caprolactam	8.60	113	173610	60.476	ng		99
36) 4-Chloro-3-methylphenol	8.70	107	553135	69.046	ng		96
37) 2-Methylnaphthalene	8.85	142	1139476	63.766	ng		97
38) 1-Methylnaphthalene	8.95	142	1123651	65.428	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	591996	52.024	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	212785	57.063	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	395601	58.114	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	418434	57.714	ng		95
46) 1,1'-Biphenyl	9.31	154	1655728	55.878	ng		98
47) 2-Chloronaphthalene	9.34	162	1299010	56.006	ng		98
48) 2-Nitroaniline	9.43	65	366565	70.164	ng		92
49) Acenaphthylene	9.75	152	1988277	58.743	ng		100
50) Dimethylphthalate	9.61	163	1482415	57.362	ng		100
51) 2,6-Dinitrotoluene	9.67	165	355841	68.947	ng	#	87
52) Acenaphthene	9.92	154	1211769	58.514	ng		99
53) 3-Nitroaniline	9.85	138	408956	70.859	ng		90
54) 2,4-Dinitrophenol	9.96	184	137698	125.176	ng		96
55) Dibenzofuran	10.09	168	1821456	58.160	ng		93
56) 4-Nitrophenol	10.02	139	236327	65.883	ng		94
57) 2,4-Dinitrotoluene	10.08	165	479798	78.017	ng	#	84
58) Fluorene	10.44	166	1364509	58.315	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.22	232	369614	67.558	ng		99
60) Diethylphthalate	10.30	149	1564448	62.016	ng		99
61) 4-Chlorophenyl-phenylether	10.42	204	734479	58.170	ng	#	89
62) 4-Nitroaniline	10.46	138	407784	71.156	ng		96
63) Azobenzene	10.59	77	1409912	58.362	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	251495	102.846	ng		93
66) n-Nitrosodiphenylamine	10.55	169	1330855	58.371	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	471712	58.884	ng		96
68) Hexachlorobenzene	10.99	284	504175	58.425	ng		97
69) Atrazine	11.07	200	409964	55.722	ng		98
70) Pentachlorophenol	11.19	266	231645	64.914	ng		98
71) Phenanthrene	11.40	178	2005086	57.769	ng		100
72) Anthracene	11.45	178	2010901	57.193	ng		99
73) Carbazole	11.60	167	1979094	56.190	ng		98
74) Di-n-butylphthalate	11.93	149	2180379	55.034	ng		99
75) Fluoranthene	12.59	202	1873334	51.119	ng		100
77) Benzidine	12.70	184	559320	36.186	ng		98
78) Pyrene	12.82	202	1914727	62.645	ng		100
80) Butylbenzylphthalate	13.42	149	870082	64.889	ng		94
81) Benzo(a)anthracene	14.00	228	1613164	60.731	ng		99
82) 3,3'-Dichlorobenzidine	13.96	252	562212	56.517	ng		100
83) Chrysene	14.05	228	1502273	59.771	ng		98
84) Bis(2-ethylhexyl)phthalate	13.98	149	1225529	63.773	ng		100
85) Di-n-octyl phthalate	14.59	149	1860909	62.850	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1116023	48.129	ng		96
88) Benzo(b)fluoranthene	15.05	252	1291776	59.780	ng		100
89) Benzo(k)fluoranthene	15.08	252	1298715	62.096	ng		99
90) Benzo(a)pyrene	15.42	252	1197897	60.448	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	942955	53.574	ng		99
92) Benzo(g,h,i)perylene	17.40	276	1025712	59.153	ng		98

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

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