Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118386.D
Acq On : 30 Dec 2019 17:41
Operator : JU
Sample : K6456-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04MSD

Manual Integrations APPROVED
mohammad
12/31/2019 12:04:04 PM

Quant Time: Dec 31 01:20:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	145436	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	568069	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	317412	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	595409	20.00	ng		0.00
76) Chrysene-d12	14.06	240	405781	20.00	ng		0.00
87) Perylene-d12	15.54	264	383832	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1056714	124.03	ng		0.02
7) Phenol-d6	6.50	99	1362566	128.92	ng		0.01
23) Nitrobenzene-d5	7.42	82	819735	82.53	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	490469	125.13	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1721165	82.77	ng		0.00
79) Terphenyl-d14	12.99	244	2169129	88.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	131607	38.857	ng		99
3) Pyridine	3.41	79	322395	35.727	ng		99
4) n-Nitrosodimethylamine	3.37	42	157522	42.221	ng		98
6) Aniline	6.52	93	335490	24.997	ng	#	57
8) 2-Chlorophenol	6.65	128	444015	46.014	ng		99
9) Benzaldehyde	6.40	77	238062	38.418	ng		98
10) Phenol	6.51	94	526026	44.280	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	387419	45.601	ng		99
12) 1,3-Dichlorobenzene	6.79	146	464610	41.807	ng		99
13) 1,4-Dichlorobenzene	6.87	146	478676	42.406	ng		100
14) 1,2-Dichlorobenzene	7.02	146	449848	42.211	ng		98
15) Benzyl Alcohol	7.00	79	364293	45.268	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	388400	42.843	ng		82
17) 2-Methylphenol	7.12	107	351574	45.426	ng		97
18) Hexachloroethane	7.36	117	172889	41.732	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	288170	44.258	ng		98
20) 3+4-Methylphenols	7.27	107	449615	45.391	ng		98
22) Acetophenone	7.26	105	598793	43.008	ng	#	96
24) Nitrobenzene	7.44	77	434625	43.684	ng		99
25) Isophorone	7.68	82	796990	46.043	ng		100
26) 2-Nitrophenol	7.76	139	251080	47.645	ng		99
27) 2,4-Dimethylphenol	7.80	122	383412	53.325	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	494250	43.660	ng		99
29) 2,4-Dichlorophenol	8.00	162	381292	46.073	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	419666	43.532	ng		95
31) Naphthalene	8.16	128	1293617	44.804	ng		100
32) Benzoic acid	7.95	122	236000	39.949	ng		91
33) 4-Chloroaniline	8.22	127	142627	11.523	ng		97
34) Hexachlorobutadiene	8.27	225	240854	41.971	ng		99
35) Caprolactam	8.60	113	123128m	47.655	ng		
36) 4-Chloro-3-methylphenol	8.71	107	410075	46.152	ng		98
37) 2-Methylnaphthalene	8.86	142	912511	46.161	ng		99
38) 1-Methylnaphthalene	8.96	142	851712	45.731	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	399861	41.928	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	291607	73.445	ng		99
43) 2,4,6-Trichlorophenol	9.14	196	273482	42.924	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	287864	43.921	ng		96
46) 1,1'-Biphenyl	9.32	154	1094101	43.580	ng		98
47) 2-Chloronaphthalene	9.35	162	841717	41.657	ng		98
48) 2-Nitroaniline	9.45	65	234491	41.087	ng		98
49) Acenaphthylene	9.77	152	1317902	43.978	ng		99
50) Dimethylphthalate	9.62	163	1140948	47.886	ng		98
51) 2,6-Dinitrotoluene	9.69	165	228067	44.399	ng		99
52) Acenaphthene	9.94	154	783162	42.905	ng		100
53) 3-Nitroaniline	9.86	138	119061	19.748	ng		91
54) 2,4-Dinitrophenol	9.99	184	212629	81.961	ng		90
55) Dibenzofuran	10.11	168	1178100	43.680	ng		96
56) 4-Nitrophenol	10.05	139	316491	85.034	ng		95
57) 2,4-Dinitrotoluene	10.10	165	310471	45.233	ng	#	86
58) Fluorene	10.46	166	946952	43.493	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	237805	42.702	ng		98
60) Diethylphthalate	10.33	149	1058162	44.892	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	477746	43.956	ng		96
62) 4-Nitroaniline	10.49	138	244312	39.007	ng		98
63) Azobenzene	10.60	77	909149	45.030	ng		96
65) 4,6-Dinitro-2-methylphenol	10.52	198	161225	50.194	ng		98
66) n-Nitrosodiphenylamine	10.57	169	863266	45.238	ng		100
67) 4-Bromophenyl-phenylether	10.94	248	302058	43.349	ng		93
68) Hexachlorobenzene	11.01	284	347516	42.370	ng		96
69) Atrazine	11.10	200	305482	51.868	ng		96
70) Pentachlorophenol	11.21	266	284997	80.233	ng		97
71) Phenanthrene	11.43	178	1426344	43.943	ng		99
72) Anthracene	11.47	178	1484128	45.681	ng		100
73) Carbazole	11.63	167	1267667	43.972	ng		99
74) Di-n-butylphthalate	11.96	149	1751536	47.917	ng		100
75) Fluoranthene	12.62	202	1482904	45.269	ng		99
77) Benzidine	12.74	184	738475	66.418	ng		98
78) Pyrene	12.85	202	1462907	44.148	ng		99
80) Butylbenzylphthalate	13.46	149	724650	48.569	ng		97
81) Benzo(a)anthracene	14.05	228	1245925	43.865	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	284757	29.569	ng		98
83) Chrysene	14.09	228	1181216	43.432	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1080310	55.065	ng		99
85) Di-n-octyl phthalate	14.63	149	1657892	57.449	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1139246	49.162	ng		100
88) Benzo(b)fluoranthene	15.11	252	1075042	42.194	ng		99
89) Benzo(k)fluoranthene	15.14	252	1058078	43.250	ng		99
90) Benzo(a)pyrene	15.49	252	962754	42.895	ng		99
91) Dibenzo(a,h)anthracene	17.08	278	964401	49.514	ng		98
92) Benzo(g,h,i)perylene	17.52	276	946939	50.329	ng		99

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

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