Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111319\
Data File : BF117779.D
Acq On : 13 Nov 2019 16:51
Operator : JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
11/14/2019 2:08:18 PM

Quant Time: Nov 13 18:33:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 16:36:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	280865	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	1038878	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	530985	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	994707	20.00	ng		0.00
76) Chrysene-d12	14.12	240	564335	20.00	ng		0.00
87) Perylene-d12	15.62	264	489001	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	1706937	110.01	ng		0.00
7) Phenol-d6	6.55	99	2086994	109.09	ng		0.00
23) Nitrobenzene-d5	7.50	82	2042277	116.06	ng		0.00
42) 2,4,6-Tribromophenol	10.77	330	648501	124.85	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	3394667	126.14	ng		0.00
79) Terphenyl-d14	13.06	244	3479903	126.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	427500	55.297	ng		99
3) Pyridine	3.49	79	1140758	53.644	ng		99
4) n-Nitrosodimethylamine	3.46	42	500660	53.425	ng		100
6) Aniline	6.59	93	1455145	54.195	ng		99
8) 2-Chlorophenol	6.72	128	982308	56.910	ng		98
9) Benzaldehyde	6.47	77	637919	47.921	ng		99
10) Phenol	6.56	94	1132317	54.926	ng		98
11) bis(2-Chloroethyl)ether	6.66	93	907188	53.291	ng		99
12) 1,3-Dichlorobenzene	6.87	146	1147778	57.366	ng		97
13) 1,4-Dichlorobenzene	6.95	146	1154284	57.632	ng		98
14) 1,2-Dichlorobenzene	7.10	146	1054753	57.195	ng		99
15) Benzyl Alcohol	7.07	79	856631	56.156	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1404221	52.171	ng		99
17) 2-Methylphenol	7.17	107	840237	56.679	ng		98
18) Hexachloroethane	7.45	117	434640	58.709	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	668740	53.161	ng		99
20) 3+4-Methylphenols	7.33	107	977079	55.351	ng		95
22) Acetophenone	7.34	105	1328826	55.965	ng	#	99
24) Nitrobenzene	7.52	77	1050850	57.190	ng		98
25) Isophorone	7.76	82	1848272	54.917	ng		100
26) 2-Nitrophenol	7.83	139	537345	62.992	ng		96
27) 2,4-Dimethylphenol	7.86	122	801593	55.729	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	1157426	53.574	ng		99
29) 2,4-Dichlorophenol	8.07	162	860350	58.058	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	986032	58.124	ng		99
31) Naphthalene	8.24	128	2736718	57.633	ng		99
32) Benzoic acid	7.99	122	728717	64.002	ng		97
33) 4-Chloroaniline	8.28	127	1244751	56.414	ng		98
34) Hexachlorobutadiene	8.36	225	576695	59.363	ng		99
35) Caprolactam	8.67	113	278197	56.640	ng		95
36) 4-Chloro-3-methylphenol	8.76	107	862740	57.695	ng		98
37) 2-Methylnaphthalene	8.93	142	1834978	56.763	ng		100
38) 1-Methylnaphthalene	9.03	142	1739427	56.661	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	882346	60.741	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	522013	66.611 ng	99
43) 2,4,6-Trichlorophenol	9.20	196	647859	61.235 ng	98
44) 2,4,5-Trichlorophenol	9.25	196	672898	62.747 ng	99
46) 1,1'-Biphenyl	9.40	154	2206320	59.329 ng	98
47) 2-Chloronaphthalene	9.42	162	1859248	60.246 ng	98
48) 2-Nitroaniline	9.52	65	591189	61.130 ng	96
49) Acenaphthylene	9.84	152	2692016	59.898 ng	98
50) Dimethylphthalate	9.70	163	2131748	59.386 ng	100
51) 2,6-Dinitrotoluene	9.76	165	490741	61.052 ng	97
52) Acenaphthene	10.02	154	1729191	59.625 ng	98
53) 3-Nitroaniline	9.93	138	584677	60.292 ng	99
54) 2,4-Dinitrophenol	10.03	184	240992	87.453 ng	99
55) Dibenzofuran	10.19	168	2373216	58.481 ng	99
56) 4-Nitrophenol	10.08	139	441655	60.559 ng	96
57) 2,4-Dinitrotoluene	10.16	165	632324	61.324 ng	99
58) Fluorene	10.53	166	1777485	59.430 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	551585	61.874 ng	99
60) Diethylphthalate	10.40	149	2065154	58.499 ng	99
61) 4-Chlorophenyl-phenylether	10.52	204	926392	59.501 ng	98
62) 4-Nitroaniline	10.55	138	588455	61.652 ng	98
63) Azobenzene	10.68	77	1874862	56.073 ng	97
65) 4,6-Dinitro-2-methylphenol	10.57	198	305785	76.987 ng	91
66) n-Nitrosodiphenylamine	10.64	169	1636525	55.704 ng	98
67) 4-Bromophenyl-phenylether	11.01	248	622168	57.272 ng	96
68) Hexachlorobenzene	11.08	284	717884	57.204 ng	96
69) Atrazine	11.17	200	551576	56.974 ng	99
70) Pentachlorophenol	11.27	266	444666	63.384 ng	100
71) Phenanthrene	11.50	178	2721827	57.088 ng	99
72) Anthracene	11.55	178	2682090	56.543 ng	98
73) Carbazole	11.70	167	2436277	56.184 ng	98
74) Di-n-butylphthalate	12.03	149	2911196	55.212 ng	98
75) Fluoranthene	12.69	202	2694612	55.350 ng	97
77) Benzidine	12.80	184	834502m	42.533 ng	
78) Pyrene	12.92	202	2692548	65.360 ng	98
80) Butylbenzylphthalate	13.53	149	1157889	60.850 ng	97
81) Benzo(a)anthracene	14.11	228	2176941	61.972 ng	99
82) 3,3'-Dichlorobenzidine	14.07	252	753178	57.409 ng	99
83) Chrysene	14.14	228	2099776	60.530 ng	100
84) Bis(2-ethylhexyl)phthalate	14.09	149	1375143	56.024 ng	100
85) Di-n-octyl phthalate	14.71	149	1984604	51.381 ng	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1864075	57.733 ng	99
88) Benzo(b)fluoranthene	15.18	252	1801563	58.496 ng	99
89) Benzo(k)fluoranthene	15.21	252	1797371	65.434 ng	98
90) Benzo(a)pyrene	15.56	252	1632580	61.150 ng	99
91) Dibenzo(a,h)anthracene	17.19	278	1515833	63.306 ng	98
92) Benzo(g,h,i)perylene	17.63	276	1533755	66.095 ng	100

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

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