Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112882.D
Acq On : 6 Mar 2019 13:50
Operator : JU/SJ
Sample : PB117655BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB117655BS

Manual Integrations APPROVED
Sohil
3/7/2019 11:02:31 AM

Quant Time: Mar 07 04:26:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	199244	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	782470	20.00	ng		0.00
39) Acenaphthene-d10	9.77	164	387764	20.00	ng		0.00
64) Phenanthrene-d10	11.24	188	759746	20.00	ng		0.00
76) Chrysene-d12	13.87	240	482484	20.00	ng		0.00
87) Perylene-d12	15.27	264	431685	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1343094	104.86	ng		0.02
7) Phenol-d6	6.38	99	1728100	107.40	ng		0.01
23) Nitrobenzene-d5	7.30	82	1021313	78.10	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	549810	133.56	ng		0.00
45) 2-Fluorobiphenyl	9.09	172	1875168	78.53	ng		0.00
79) Terphenyl-d14	12.83	244	1898874	76.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	214804	33.456	ng		98
3) Pyridine	3.25	79	516389	30.062	ng		99
4) n-Nitrosodimethylamine	3.17	42	249747	33.237	ng		98
6) Aniline	6.40	93	553309	24.983	ng		93
8) 2-Chlorophenol	6.52	128	514579	36.090	ng		98
9) Benzaldehyde	6.27	77	336908	29.060	ng		97
10) Phenol	6.39	94	624436	33.258	ng		82
11) bis(2-Chloroethyl)ether	6.47	93	497640	34.531	ng		96
12) 1,3-Dichlorobenzene	6.67	146	551684	37.455	ng		99
13) 1,4-Dichlorobenzene	6.75	146	557826	37.764	ng		98
14) 1,2-Dichlorobenzene	6.90	146	523045	38.627	ng		99
15) Benzyl Alcohol	6.87	79	462791	37.720	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.02	45	827885	34.423	ng		98
17) 2-Methylphenol	7.00	107	439535	37.999	ng		97
18) Hexachloroethane	7.25	117	212102	37.485	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	362089	35.533	ng		98
20) 3+4-Methylphenols	7.15	107	509398	39.007	ng		95
22) Acetophenone	7.15	105	709256	38.765	ng	#	99
24) Nitrobenzene	7.32	77	564841	38.810	ng		98
25) Isophorone	7.56	82	1054453	37.430	ng		99
26) 2-Nitrophenol	7.63	139	287460	47.447	ng		99
27) 2,4-Dimethylphenol	7.67	122	481275	42.699	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	653028	37.076	ng		99
29) 2,4-Dichlorophenol	7.87	162	456959	41.806	ng		98
30) 1,2,4-Trichlorobenzene	7.96	180	496093	42.240	ng		99
31) Naphthalene	8.04	128	1520604	39.143	ng		100
32) Benzoic acid	7.82	122	379818	48.079	ng		94
33) 4-Chloroaniline	8.08	127	343442	20.873	ng		97
34) Hexachlorobutadiene	8.16	225	285347	43.081	ng		99
35) Caprolactam	8.46	113	150768m	39.163	ng		
36) 4-Chloro-3-methylphenol	8.57	107	477131	39.444	ng		97
37) 2-Methylnaphthalene	8.73	142	1034136	41.221	ng		99
38) 1-Methylnaphthalene	8.83	142	973039	40.040	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	447901	39.611	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	610278	98.558	ng		98
43) 2,4,6-Trichlorophenol	9.01	196	342828	44.053	ng		99
44) 2,4,5-Trichlorophenol	9.05	196	349633	41.565	ng		95
46) 1,1'-Biphenyl	9.19	154	1242661	39.290	ng		99
47) 2-Chloronaphthalene	9.22	162	958902	38.828	ng		99
48) 2-Nitroaniline	9.31	65	304786	40.602	ng		94
49) Acenaphthylene	9.63	152	1545873	36.871	ng		100
50) Dimethylphthalate	9.50	163	1129496	39.504	ng		99
51) 2,6-Dinitrotoluene	9.55	165	250226	42.027	ng		90
52) Acenaphthene	9.80	154	894178	36.470	ng		99
53) 3-Nitroaniline	9.72	138	190786	26.297	ng		97
54) 2,4-Dinitrophenol	9.83	184	267138	107.293	ng	#	88
55) Dibenzofuran	9.97	168	1359455	38.150	ng		98
56) 4-Nitrophenol	9.89	139	447525	75.900	ng		94
57) 2,4-Dinitrotoluene	9.96	165	332315	44.902	ng		87
58) Fluorene	10.32	166	979424	38.725	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	308098	43.963	ng		96
60) Diethylphthalate	10.19	149	1146723	37.974	ng		100
61) 4-Chlorophenyl-phenylether	10.30	204	497376	42.267	ng		97
62) 4-Nitroaniline	10.33	138	274936	41.011	ng		95
63) Azobenzene	10.47	77	1080871	34.946	ng		94
65) 4,6-Dinitro-2-methylphenol	10.36	198	161478	51.369	ng		86
66) n-Nitrosodiphenylamine	10.43	169	933681	38.319	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	333094	41.624	ng		96
68) Hexachlorobenzene	10.86	284	379474	42.067	ng		95
69) Atrazine	10.96	200	302336	40.514	ng		97
70) Pentachlorophenol	11.06	266	427665	80.549	ng		99
71) Phenanthrene	11.27	178	1475675	39.039	ng		100
72) Anthracene	11.32	178	1517870	38.360	ng		100
73) Carbazole	11.47	167	1397608	36.208	ng		100
74) Di-n-butylphthalate	11.81	149	1656298	35.786	ng		99
75) Fluoranthene	12.45	202	1544470	38.136	ng		98
77) Benzidine	12.57	184	818145	32.684	ng		99
78) Pyrene	12.68	202	1549856	38.104	ng		99
80) Butylbenzylphthalate	13.30	149	718280	40.007	ng		96
81) Benzo(a)anthracene	13.86	228	1129526	33.778	ng		100
82) 3,3'-Dichlorobenzidine	13.82	252	277232	21.921	ng		99
83) Chrysene	13.90	228	1195094	36.486	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	835426	39.671	ng		99
85) Di-n-octyl phthalate	14.47	149	1417607	39.202	ng		97
86) Indeno(1,2,3-cd)pyrene	16.63	276	1091547	39.089	ng		95
88) Benzo(b)fluoranthene	14.87	252	1155508	41.383	ng		98
89) Benzo(k)fluoranthene	14.90	252	949631	37.546	ng		98
90) Benzo(a)pyrene	15.22	252	998961	40.447	ng		98
91) Dibenzo(a,h)anthracene	16.65	278	909345	43.148	ng		98
92) Benzo(g,h,i)perylene	17.04	276	930761	43.982	ng		95

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

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