Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108236.D
Acq On : 17 Aug 2018 11:52
Operator : JU/SJ
Sample : PB112112BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112112BS

Manual Integrations APPROVED
Sohil
8/20/2018 12:48:17 PM

Quant Time: Aug 17 13:02:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	166029	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	648240	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	330000	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	655674	20.00	ng		0.00
75) Chrysene-d12	14.22	240	538880	20.00	ng		0.00
86) Perylene-d12	15.78	264	404583	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	833431	90.88	ng		0.02
7) Phenol-d6	6.64	99	1133252	92.99	ng		0.00
23) Nitrobenzene-d5	7.58	82	938615	80.80	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	334766	101.70	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1800086	87.58	ng		0.00
78) Terphenyl-d14	13.15	244	1939106	91.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	185733	39.416	ng		90
3) Pyridine	3.76	79	499914	41.184	ng		85
4) n-Nitrosodimethylamine	3.73	42	266557	39.026	ng		84
6) Aniline	6.68	93	533316	32.174	ng		96
8) 2-Chlorophenol	6.80	128	458057	44.349	ng		95
9) Benzaldehyde	6.57	77	210661	22.296	ng		98
10) Phenol	6.65	94	557692	44.242	ng		88
11) bis(2-Chloroethyl)ether	6.75	93	442982	43.468	ng		94
12) 1,3-Dichlorobenzene	6.96	146	516695	43.265	ng		99
13) 1,4-Dichlorobenzene	7.04	146	516102	43.013	ng		96
14) 1,2-Dichlorobenzene	7.19	146	478080	42.835	ng		97
15) Benzyl Alcohol	7.15	79	404522	39.431	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	858740	40.904	ng		98
17) 2-Methylphenol	7.26	107	387177	43.713	ng		96
18) Hexachloroethane	7.53	117	187857	43.976	ng		91
19) n-Nitroso-di-n-propylamine	7.42	70	345937	41.978	ng		91
20) 3+4-Methylphenols	7.41	107	484978	42.728	ng		93
22) Acetophenone	7.42	105	652556	43.052	ng	#	94
24) Nitrobenzene	7.60	77	514396	43.789	ng		98
25) Isophorone	7.84	82	942962	42.586	ng		98
26) 2-Nitrophenol	7.91	139	217321	48.987	ng		89
27) 2,4-Dimethylphenol	7.94	122	434844	44.248	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	564115	43.641	ng		99
29) 2,4-Dichlorophenol	8.15	162	414407	45.822	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	433692	43.495	ng		98
31) Naphthalene	8.32	128	1323440	44.892	ng		99
32) Benzoic acid	8.06	122	180401	33.671	ng		90
33) 4-Chloroaniline	8.37	127	343800	26.760	ng		99
34) Hexachlorobutadiene	8.43	225	275345	43.621	ng		99
35) Caprolactam	8.74	113	121425m	42.844	ng		
36) 4-Chloro-3-methylphenol	8.84	107	428626	43.933	ng		98
37) 2-Methylnaphthalene	9.01	142	913548	43.799	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	454333	44.833	ng		98
40) Hexachlorocyclopentadiene	9.17	237	505226	77.185	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	294194	46.782	ng		98
43) 2,4,5-Trichlorophenol	9.33	196	335028	48.396	ng		97
45) 1,1'-Biphenyl	9.48	154	1104781	45.407	ng		99
46) 2-Chloronaphthalene	9.51	162	856246	44.526	ng		99
47) 2-Nitroaniline	9.60	65	293240	47.128	ng		86
48) Acenaphthylene	9.93	152	1372015	45.130	ng		99
49) Dimethylphthalate	9.78	163	1009333	43.908	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	223503	46.472	ng		92
51) Acenaphthene	10.10	154	880781	47.301	ng		99
52) 3-Nitroaniline	10.01	138	175311	33.316	ng		93
53) 2,4-Dinitrophenol	10.12	184	152506	84.316	ng	#	21
54) Dibenzofuran	10.27	168	1194630	44.283	ng		95
55) 4-Nitrophenol	10.17	139	336144	84.359	ng		84
56) 2,4-Dinitrotoluene	10.25	165	299047	48.307	ng	#	91
57) Fluorene	10.62	166	943900	44.199	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	278501	48.133	ng	#	85
59) Diethylphthalate	10.48	149	972862	43.706	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	486758	43.742	ng		94
61) 4-Nitroaniline	10.64	138	235383	45.244	ng		93
62) Azobenzene	10.77	77	993226	43.207	ng		93
64) 4,6-Dinitro-2-methylphenol	10.66	198	104106	42.929	ng		92
65) n-Nitrosodiphenylamine	10.72	169	859115	44.340	ng		97
66) 4-Bromophenyl-phenylether	11.09	248	315057	44.216	ng	#	89
67) Hexachlorobenzene	11.17	284	327249	43.650	ng	#	89
68) Atrazine	11.25	200	293512	45.164	ng		95
69) Pentachlorophenol	11.36	266	319340	88.992	ng		98
70) Phenanthrene	11.59	178	1383125	44.724	ng		99
71) Anthracene	11.64	178	1417541	44.722	ng		98
72) Carbazole	11.79	167	1259595	44.727	ng		99
73) Di-n-butylphthalate	12.11	149	1488545	46.665	ng		99
74) Fluoranthene	12.78	202	1521259	45.072	ng		95
76) Benzidine	12.89	184	643982	31.985	ng		99
77) Pyrene	13.01	202	1529926	44.844	ng		98
79) Butylbenzylphthalate	13.61	149	644965	47.609	ng		93
80) Benzo(a)anthracene	14.21	228	1379297	44.600	ng		98
81) 3,3'-Dichlorobenzidine	14.16	252	333204	30.064	ng	#	97
82) Chrysene	14.25	228	1250707	44.112	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	834534	45.490	ng		100
84) Di-n-octyl phthalate	14.79	149	1322248	47.259	ng		96
85) Indeno(1,2,3-cd)pyrene	17.41	276	916729	37.316	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1146496	47.424	ng		97
88) Benzo(k)fluoranthene	15.34	252	1025566	46.149	ng	#	96
89) Benzo(a)pyrene	15.71	252	992769	45.859	ng	#	96
90) Dibenzo(a,h)anthracene	17.42	278	764379	42.674	ng	#	95
91) Benzo(g,h,i)perylene	17.90	276	762944	43.256	ng	#	90

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

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