Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107335.D
Acq On : 12 Jul 2018 13:37
Operator : JU/SJ
Sample : PB110879BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110879BS

Manual Integrations APPROVED
Sohil
7/13/2018 11:17:10 AM

Quant Time: Jul 12 15:30:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	60205	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	236399	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	123216	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	236410	20.00	ng		0.00
75) Chrysene-d12	14.14	240	162949	20.00	ng		0.00
86) Perylene-d12	15.67	264	174850	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	417282	117.36	ng		0.02
7) Phenol-d6	6.58	99	514426	115.86	ng		0.00
23) Nitrobenzene-d5	7.50	82	338891	79.67	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	166081	116.29	ng		0.00
44) 2-Fluorobiphenyl	9.30	172	623606	85.80	ng		0.00
78) Terphenyl-d14	13.06	244	675589	100.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	55778	30.515	ng		99
3) Pyridine	3.61	79	163151	32.911	ng		98
4) n-Nitrosodimethylamine	3.58	42	70164	33.324	ng		84
6) Aniline	6.60	93	156661	26.011	ng	#	48
8) 2-Chlorophenol	6.72	128	154949	39.734	ng		98
9) Benzaldehyde	6.49	77	57961	16.360	ng		97
10) Phenol	6.60	94	188633	37.227	ng		76
11) bis(2-Chloroethyl)ether	6.67	93	156651	37.448	ng		99
12) 1,3-Dichlorobenzene	6.87	146	178045	38.982	ng		99
13) 1,4-Dichlorobenzene	6.95	146	181074	39.214	ng		98
14) 1,2-Dichlorobenzene	7.10	146	169658	40.090	ng		98
15) Benzyl Alcohol	7.08	79	127890	35.872	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	217491	39.627	ng	#	40
17) 2-Methylphenol	7.20	107	132483	39.698	ng	#	90
18) Hexachloroethane	7.44	117	62348	38.396	ng	#	84
19) n-Nitroso-di-n-propylamine	7.34	70	109747	37.498	ng		93
20) 3+4-Methylphenols	7.35	107	171749	48.840	ng	#	81
22) Acetophenone	7.34	105	218755	41.362	ng	#	99
24) Nitrobenzene	7.52	77	171176	39.415	ng		99
25) Isophorone	7.75	82	314971	42.020	ng		98
26) 2-Nitrophenol	7.84	139	90391	44.089	ng		94
27) 2,4-Dimethylphenol	7.87	122	145750	45.994	ng		98
28) bis(2-Chloroethoxy)methane	7.95	93	200926	39.923	ng		98
29) 2,4-Dichlorophenol	8.08	162	148600	44.792	ng		95
30) 1,2,4-Trichlorobenzene	8.15	180	159889	43.749	ng		97
31) Naphthalene	8.24	128	457804	41.421	ng		99
32) Benzoic acid	8.02	122	66180	31.014	ng		97
33) 4-Chloroaniline	8.29	127	89730	19.349	ng		99
34) Hexachlorobutadiene	8.34	225	105935	44.484	ng		98
35) Caprolactam	8.68	113	45494m	42.068	ng		
36) 4-Chloro-3-methylphenol	8.79	107	147088	42.122	ng		99
37) 2-Methylnaphthalene	8.93	142	339663	46.365	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	178770	43.082	ng	#	96
40) Hexachlorocyclopentadiene	9.07	237	56832	26.620	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	94213	34.157	ng		94
43) 2,4,5-Trichlorophenol	9.27	196	93729	32.566	ng		90
45) 1,1'-Biphenyl	9.40	154	407542	41.502	ng		97
46) 2-Chloronaphthalene	9.42	162	300381	38.861	ng		96
47) 2-Nitroaniline	9.53	65	91656	35.263	ng		95
48) Acenaphthylene	9.84	152	460028	37.697	ng		98
49) Dimethylphthalate	9.70	163	336297	36.390	ng		98
50) 2,6-Dinitrotoluene	9.77	165	81244	41.517	ng		95
51) Acenaphthene	10.01	154	284293	36.995	ng		97
52) 3-Nitroaniline	9.95	138	47414	21.056	ng		94
53) 2,4-Dinitrophenol	10.07	184	47269	48.703	ng	#	19
54) Dibenzofuran	10.19	168	417970	39.721	ng		96
55) 4-Nitrophenol	10.14	139	30201	19.214	ng		94
56) 2,4-Dinitrotoluene	10.19	165	95354	37.331	ng	#	93
57) Fluorene	10.54	166	345629	41.393	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	67883	29.671	ng	#	75
59) Diethylphthalate	10.40	149	329065	36.893	ng	#	93
60) 4-Chlorophenyl-phenylether	10.52	204	181608	41.568	ng	#	84
61) 4-Nitroaniline	10.57	138	70946	31.745	ng		95
62) Azobenzene	10.68	77	321492	36.602	ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	49732	34.031	ng	#	70
65) n-Nitrosodiphenylamine	10.64	169	295921	37.215	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	121338	43.006	ng	#	77
67) Hexachlorobenzene	11.09	284	130708	44.263	ng	#	78
68) Atrazine	11.17	200	102848	40.686	ng		94
69) Pentachlorophenol	11.30	266	35689m	24.222	ng		
70) Phenanthrene	11.51	178	491945	43.143	ng		99
71) Anthracene	11.56	178	500278	42.984	ng		99
72) Carbazole	11.72	167	414562	38.045	ng		98
73) Di-n-butylphthalate	12.02	149	487101	37.945	ng		99
74) Fluoranthene	12.70	202	494111	39.315	ng		95
76) Benzidine	12.82	184	135062	29.104	ng		96
77) Pyrene	12.93	202	488503	45.462	ng		99
79) Butylbenzylphthalate	13.53	149	168004	38.028	ng	#	89
80) Benzo(a)anthracene	14.12	228	411779	41.463	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	95591	27.387	ng	#	95
82) Chrysene	14.17	228	387057	42.363	ng		100
83) Bis(2-ethylhexyl)phthalate	14.08	149	215413	38.138	ng	#	97
84) Di-n-octyl phthalate	14.70	149	375493	40.784	ng		95
85) Indeno(1,2,3-cd)pyrene	17.28	276	501620	64.695	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	437725	40.300	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	403019	38.964	ng	#	95
89) Benzo(a)pyrene	15.61	252	421457	43.648	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	417710	51.045	ng	#	93
91) Benzo(g,h,i)perylene	17.76	276	436183	54.534	ng	#	91

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

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