Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
Data File : BF107072.D
Acq On : 3 Jul 2018 10:39
Operator : JU/SJ
Sample : PB110757BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110757BS

Manual Integrations APPROVED
Sohil
7/5/2018 1:04:20 PM

Quant Time: Jul 03 12:33:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	63439	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	238920	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	125919	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	259424	20.00	ng		0.00
75) Chrysene-d12	14.15	240	182370	20.00	ng		-0.01
86) Perylene-d12	15.70	264	162788	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	436361	116.47	ng		0.01
7) Phenol-d6	6.61	99	541827	115.81	ng		0.00
23) Nitrobenzene-d5	7.52	82	351285	81.71	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	193590	132.65	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	673080	91.63	ng		-0.01
78) Terphenyl-d14	13.08	244	830630	110.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	59598	30.942	ng		97
3) Pyridine	3.67	79	173905	33.292	ng		98
4) n-Nitrosodimethylamine	3.62	42	73908	33.313	ng		89
6) Aniline	6.62	93	187777	29.588	ng	#	12
8) 2-Chlorophenol	6.75	128	167656	40.801	ng		99
9) Benzaldehyde	6.51	77	84282	23.678	ng		99
10) Phenol	6.62	94	198486	37.174	ng	#	72
11) bis(2-Chloroethyl)ether	6.70	93	163505	37.094	ng		96
12) 1,3-Dichlorobenzene	6.90	146	193100	40.123	ng		97
13) 1,4-Dichlorobenzene	6.97	146	195475	40.174	ng		99
14) 1,2-Dichlorobenzene	7.13	146	181242	40.644	ng		97
15) Benzyl Alcohol	7.11	79	140046	37.279	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	225588	39.006	ng	#	19
17) 2-Methylphenol	7.22	107	140882	40.063	ng	#	88
18) Hexachloroethane	7.47	117	66474	38.850	ng	#	82
19) n-Nitroso-di-n-propylamine	7.37	70	112973	36.632	ng		94
20) 3+4-Methylphenols	7.38	107	179418	48.235	ng		95
22) Acetophenone	7.37	105	229647	42.963	ng	#	98
24) Nitrobenzene	7.54	77	178995	40.780	ng		97
25) Isophorone	7.78	82	325678	42.989	ng		98
26) 2-Nitrophenol	7.86	139	94341	45.531	ng		97
27) 2,4-Dimethylphenol	7.90	122	155443	48.536	ng		98
28) bis(2-Chloroethoxy)methane	7.98	93	208791	41.048	ng		99
29) 2,4-Dichlorophenol	8.11	162	155476	46.370	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	168312	45.567	ng		97
31) Naphthalene	8.27	128	481175	43.077	ng		100
32) Benzoic acid	8.00	122	16118	11.824	ng		99
33) 4-Chloroaniline	8.31	127	126234	26.933	ng		98
34) Hexachlorobutadiene	8.37	225	110663	45.979	ng		96
35) Caprolactam	8.70	113	46253m	42.319	ng		
36) 4-Chloro-3-methylphenol	8.81	107	160713	45.538	ng		99
37) 2-Methylnaphthalene	8.95	142	363161	49.050	ng		94
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	191155	45.078	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	111081	50.914	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	109794	38.951	ng		92
43) 2,4,5-Trichlorophenol	9.29	196	111579	37.935	ng		90
45) 1,1'-Biphenyl	9.42	154	429716	42.821	ng		97
46) 2-Chloronaphthalene	9.45	162	321934	40.756	ng		96
47) 2-Nitroaniline	9.55	65	102185	38.470	ng		96
48) Acenaphthylene	9.87	152	509967	40.892	ng		99
49) Dimethylphthalate	9.71	163	373098	39.506	ng		98
50) 2,6-Dinitrotoluene	9.79	165	88354	44.181	ng		89
51) Acenaphthene	10.04	154	306534	39.033	ng		97
52) 3-Nitroaniline	9.97	138	72047	31.308	ng		98
53) 2,4-Dinitrophenol	10.08	184	22514	25.557	ng	#	22
54) Dibenzofuran	10.21	168	463383	43.092	ng		98
55) 4-Nitrophenol	10.15	139	81188	50.543	ng		98
56) 2,4-Dinitrotoluene	10.20	165	114419	43.833	ng		88
57) Fluorene	10.55	166	374100	43.841	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	94177	40.280	ng	#	79
59) Diethylphthalate	10.41	149	358274	39.305	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	194874	43.647	ng	#	87
61) 4-Nitroaniline	10.58	138	94725	41.476	ng		96
62) Azobenzene	10.70	77	345961	38.542	ng		92
64) 4,6-Dinitro-2-methylphenol	10.61	198	36123	22.526	ng		79
65) n-Nitrosodiphenylamine	10.66	169	329809	37.797	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	133959	43.267	ng	#	80
67) Hexachlorobenzene	11.11	284	144631	44.633	ng	#	79
68) Atrazine	11.19	200	120553	43.459	ng		93
69) Pentachlorophenol	11.31	266	56878	35.178	ng		97
70) Phenanthrene	11.52	178	553122	44.205	ng		99
71) Anthracene	11.58	178	573340	44.892	ng		100
72) Carbazole	11.74	167	513227	42.921	ng		98
73) Di-n-butylphthalate	12.04	149	551607	39.158	ng		99
74) Fluoranthene	12.72	202	606920	44.007	ng		95
76) Benzidine	12.84	184	236358	45.507	ng		97
77) Pyrene	12.95	202	616085	51.229	ng		99
79) Butylbenzylphthalate	13.54	149	210418	42.556	ng	#	96
80) Benzo(a)anthracene	14.14	228	492218	44.284	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	96930	24.813	ng	#	97
82) Chrysene	14.18	228	465320	45.505	ng		98
83) Bis(2-ethylhexyl)phthalate	14.09	149	242353	38.338	ng		97
84) Di-n-octyl phthalate	14.72	149	355458	34.497	ng	#	96
85) Indeno(1,2,3-cd)pyrene	17.30	276	490795	56.558	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	402678	39.821	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	399184	41.453	ng	#	95
89) Benzo(a)pyrene	15.64	252	405138	45.067	ng	#	97
90) Dibenzo(a,h)anthracene	17.31	278	409004	53.685	ng	#	92
91) Benzo(g,h,i)perylene	17.79	276	433091	58.160	ng	#	89

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

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