Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106928.D
Acq On : 28 Jun 2018 18:42
Operator : JU/SJ
Sample : PB110677BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110677BS

Manual Integrations APPROVED
Sohil
6/29/2018 2:30:40 PM

Quant Time: Jun 29 09:08:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70713	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	268775	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	135405	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	264185	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	172621	20.00	ng		-0.02
86) Perylene-d12	15.68	264	163345	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	483054	115.67	ng		0.00
7) Phenol-d6	6.60	99	605290	116.07	ng		-0.01
23) Nitrobenzene-d5	7.52	82	386686	79.95	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	208977	133.16	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	748634	95.38	ng		-0.01
78) Terphenyl-d14	13.07	244	797007	111.84	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	66586	31.014	ng		99
3) Pyridine	3.65	79	193523	33.237	ng		97
4) n-Nitrosodimethylamine	3.61	42	80227	32.441	ng		88
6) Aniline	6.62	93	164645	23.274	ng		99
8) 2-Chlorophenol	6.75	128	183480	40.059	ng		98
9) Benzaldehyde	6.51	77	106482	27.564	ng		98
10) Phenol	6.61	94	221344	37.191	ng		85
11) bis(2-Chloroethyl)ether	6.69	93	178477	36.325	ng		99
12) 1,3-Dichlorobenzene	6.90	146	216042	40.272	ng		98
13) 1,4-Dichlorobenzene	6.97	146	216139	39.852	ng		97
14) 1,2-Dichlorobenzene	7.12	146	200853	40.409	ng		98
15) Benzyl Alcohol	7.10	79	156572	37.391	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	253007	39.247	ng		84
17) 2-Methylphenol	7.21	107	154801	39.493	ng	#	93
18) Hexachloroethane	7.46	117	73722	38.653	ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	123107	35.812	ng		93
20) 3+4-Methylphenols	7.37	107	191326	45.301	ng	#	69
22) Acetophenone	7.36	105	247891	41.225	ng	#	96
24) Nitrobenzene	7.54	77	195626	39.619	ng		99
25) Isophorone	7.77	82	351880	41.289	ng		98
26) 2-Nitrophenol	7.85	139	101587	43.582	ng		98
27) 2,4-Dimethylphenol	7.89	122	168059	46.646	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	224922	39.307	ng		99
29) 2,4-Dichlorophenol	8.10	162	169472	44.930	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	189015	45.488	ng		97
31) Naphthalene	8.26	128	533411	42.449	ng		100
32) Benzoic acid	8.02	122	75825	31.210	ng		97
33) 4-Chloroaniline	8.31	127	51426	9.753	ng		99
34) Hexachlorobutadiene	8.37	225	124317	45.915	ng		98
35) Caprolactam	8.69	113	51688m	42.038	ng		
36) 4-Chloro-3-methylphenol	8.80	107	168603	42.467	ng		97
37) 2-Methylnaphthalene	8.95	142	397299	47.700	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	208723	45.772	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	140713	59.977	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	120316	39.694	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	123189	38.948	ng		90
45) 1,1'-Biphenyl	9.41	154	472066	43.746	ng		98
46) 2-Chloronaphthalene	9.44	162	350599	41.275	ng		96
47) 2-Nitroaniline	9.54	65	102301	35.816	ng		97
48) Acenaphthylene	9.86	152	551640	41.135	ng		99
49) Dimethylphthalate	9.71	163	403140	39.697	ng		98
50) 2,6-Dinitrotoluene	9.78	165	94129	43.771	ng	#	84
51) Acenaphthene	10.03	154	330641	39.153	ng		98
52) 3-Nitroaniline	9.95	138	39382	15.914	ng		97
53) 2,4-Dinitrophenol	10.07	184	78737	71.062	ng	#	20
54) Dibenzofuran	10.20	168	516626	44.677	ng		97
55) 4-Nitrophenol	10.14	139	90877	52.612	ng		96
56) 2,4-Dinitrotoluene	10.19	165	122685	43.707	ng		90
57) Fluorene	10.55	166	395403	43.091	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	110977	44.140	ng	#	77
59) Diethylphthalate	10.41	149	374939	38.252	ng	#	94
60) 4-Chlorophenyl-phenylether	10.53	204	205829	42.871	ng	#	88
61) 4-Nitroaniline	10.58	138	92879	37.818	ng		93
62) Azobenzene	10.70	77	359215	37.215	ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	65963	40.393	ng	#	71
65) n-Nitrosodiphenylamine	10.65	169	342011	38.489	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	141609	44.914	ng	#	81
67) Hexachlorobenzene	11.10	284	149477	45.297	ng	#	84
68) Atrazine	11.18	200	121119	42.876	ng		94
69) Pentachlorophenol	11.30	266	93317	56.674	ng		99
70) Phenanthrene	11.51	178	571371	44.841	ng		99
71) Anthracene	11.57	178	593669	45.646	ng		99
72) Carbazole	11.72	167	500217	41.079	ng		98
73) Di-n-butylphthalate	12.04	149	543576	37.892	ng		99
74) Fluoranthene	12.71	202	588355	41.892	ng		96
76) Benzidine	12.82	184	207248	42.156	ng		97
77) Pyrene	12.94	202	574416	50.462	ng		100
79) Butylbenzylphthalate	13.54	149	189964	40.589	ng	#	88
80) Benzo(a)anthracene	14.13	228	462301	43.942	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	67683	18.304	ng	#	96
82) Chrysene	14.17	228	433488	44.786	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	222058	37.112	ng		97
84) Di-n-octyl phthalate	14.72	149	325097	33.332	ng		95
85) Indeno(1,2,3-cd)pyrene	17.25	276	540450	65.797	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	427031	42.085	ng	#	95
88) Benzo(k)fluoranthene	15.25	252	374393	38.746	ng	#	95
89) Benzo(a)pyrene	15.61	252	412019	45.677	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	441797	57.792	ng	#	90
91) Benzo(g,h,i)perylene	17.74	276	476405	63.758	ng	#	89

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

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