Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106624.D
Acq On : 20 Jun 2018 17:23
Operator : JU/SJ
Sample : PB110384BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110384BSD

Manual Integrations APPROVED
Sohil
6/21/2018 11:27:57 AM

Quant Time: Jun 21 07:42:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 19 14:32:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	94850	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	360846	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	198066	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	419440	20.00	ng		0.00
75) Chrysene-d12	14.15	240	375811	20.00	ng		0.00
86) Perylene-d12	15.69	264	296066	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	427937	76.40	ng		0.00
7) Phenol-d6	6.60	99	538148	76.93	ng		0.00
23) Nitrobenzene-d5	7.52	82	516492	79.54	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	207199	90.26	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	952147	80.61	ng		0.00
78) Terphenyl-d14	13.08	244	1283487	82.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	90551	31.444	ng		96
3) Pyridine	3.64	79	273947	35.076	ng		95
4) n-Nitrosodimethylamine	3.60	42	114793	34.606	ng		92
6) Aniline	6.62	93	164010	17.285	ng		96
8) 2-Chlorophenol	6.75	128	241928	39.378	ng		97
9) Benzaldehyde	6.51	77	122265	22.845	ng		100
10) Phenol	6.61	94	302132	37.847	ng		93
11) bis(2-Chloroethyl)ether	6.69	93	243602	36.963	ng		97
12) 1,3-Dichlorobenzene	6.90	146	272163	37.823	ng		98
13) 1,4-Dichlorobenzene	6.98	146	274245	37.698	ng		98
14) 1,2-Dichlorobenzene	7.13	146	256364	38.452	ng		98
15) Benzyl Alcohol	7.10	79	220169	39.198	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	371818	43.000	ng		82
17) 2-Methylphenol	7.21	107	207935	39.549	ng		96
18) Hexachloroethane	7.47	117	97515	38.118	ng	#	87
19) n-Nitroso-di-n-propylamine	7.37	70	165560	35.906	ng		95
20) 3+4-Methylphenols	7.37	107	249061	43.463	ng	#	67
22) Acetophenone	7.37	105	322681	39.970	ng	#	94
24) Nitrobenzene	7.54	77	267625	40.371	ng		97
25) Isophorone	7.78	82	499830	43.684	ng		98
26) 2-Nitrophenol	7.86	139	134953	43.124	ng		95
27) 2,4-Dimethylphenol	7.90	122	226507	46.828	ng		100
28) bis(2-Chloroethoxy)methane	7.98	93	313984	40.871	ng		99
29) 2,4-Dichlorophenol	8.11	162	222158	43.870	ng		93
30) 1,2,4-Trichlorobenzene	8.18	180	242808	43.524	ng		96
31) Naphthalene	8.27	128	689167	40.850	ng		100
32) Benzoic acid	8.02	122	131122	38.549	ng		98
33) 4-Chloroaniline	8.31	127	54811	7.743	ng		97
34) Hexachlorobutadiene	8.37	225	156794	43.134	ng		98
35) Caprolactam	8.69	113	76330m	46.240	ng		
36) 4-Chloro-3-methylphenol	8.80	107	241096	45.232	ng		98
37) 2-Methylnaphthalene	8.95	142	517418	46.271	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	267280	40.071	ng		97
40) Hexachlorocyclopentadiene	9.11	237	307843	89.703	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	171266	38.627	ng		93
43) 2,4,5-Trichlorophenol	9.28	196	182733	39.496	ng		90
45) 1,1'-Biphenyl	9.42	154	622539	39.439	ng		100
46) 2-Chloronaphthalene	9.45	162	465828	37.491	ng		95
47) 2-Nitroaniline	9.55	65	157874	37.786	ng		99
48) Acenaphthylene	9.87	152	744064	37.930	ng		98
49) Dimethylphthalate	9.72	163	560548	37.734	ng		98
50) 2,6-Dinitrotoluene	9.78	165	137410	43.683	ng		96
51) Acenaphthene	10.04	154	453025	36.674	ng		98
52) 3-Nitroaniline	9.95	138	54270	14.993	ng		99
53) 2,4-Dinitrophenol	10.07	184	147879	89.721	ng	#	18
54) Dibenzofuran	10.21	168	709459	41.943	ng		96
55) 4-Nitrophenol	10.14	139	188385	74.559	ng		94
56) 2,4-Dinitrotoluene	10.20	165	188724	45.964	ng	#	83
57) Fluorene	10.55	166	548296	40.849	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	167355	45.505	ng	#	80
59) Diethylphthalate	10.42	149	554762	38.692	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	284101	40.453	ng	#	86
61) 4-Nitroaniline	10.58	138	140582	39.133	ng		95
62) Azobenzene	10.70	77	554002	39.238	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	111147	42.868	ng		76
65) n-Nitrosodiphenylamine	10.67	169	496885	35.220	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	203602	40.673	ng	#	83
67) Hexachlorobenzene	11.10	284	215354	41.104	ng	#	84
68) Atrazine	11.19	200	190781	42.538	ng		94
69) Pentachlorophenol	11.30	266	198253	75.837	ng		98
70) Phenanthrene	11.52	178	839020	41.473	ng		99
71) Anthracene	11.57	178	871722	42.216	ng		98
72) Carbazole	11.73	167	790409	40.884	ng		98
73) Di-n-butylphthalate	12.04	149	911048	40.001	ng		99
74) Fluoranthene	12.71	202	970812	43.538	ng		96
76) Benzidine	12.83	184	333116	31.124	ng		97
77) Pyrene	12.94	202	985229	39.756	ng		97
79) Butylbenzylphthalate	13.55	149	410406	40.279	ng	#	96
80) Benzo(a)anthracene	14.14	228	929901	40.599	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	94685	11.762	ng	#	96
82) Chrysene	14.18	228	858968	40.763	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	573616	44.034	ng		97
84) Di-n-octyl phthalate	14.75	149	869103	40.930	ng		97
85) Indeno(1,2,3-cd)pyrene	17.27	276	748041	41.831	ng	#	91
87) Benzo(b)fluoranthene	15.24	252	804584	43.748	ng	#	96
88) Benzo(k)fluoranthene	15.28	252	689171	39.349	ng	#	95
89) Benzo(a)pyrene	15.63	252	687612	42.057	ng	#	97
90) Dibenzo(a,h)anthracene	17.29	278	615691	44.435	ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	642225	47.420	ng	#	89

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

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