Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062018\
Data File : BF106623.D
Acq On : 20 Jun 2018 16:56
Operator : JU/SJ
Sample : PB110384BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110384BS

Manual Integrations APPROVED
Sohil
6/21/2018 11:27:54 AM

Quant Time: Jun 21 01:48:19 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	92965	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	365208	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	200436	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	425387	20.00	ng		0.00
75) Chrysene-d12	14.15	240	360024	20.00	ng		0.00
86) Perylene-d12	15.69	264	273351	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	465250	84.74	ng		0.00
7) Phenol-d6	6.60	99	591284	86.24	ng		0.00
23) Nitrobenzene-d5	7.52	82	563917	85.81	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	228098	98.19	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1024210	86.80	ng		0.00
78) Terphenyl-d14	13.08	244	1350308	90.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	96008	34.015	ng		96
3) Pyridine	3.64	79	278437	36.374	ng		98
4) n-Nitrosodimethylamine	3.61	42	121376	37.332	ng		88
6) Aniline	6.62	93	180955	19.457	ng		94
8) 2-Chlorophenol	6.75	128	249382	41.414	ng		99
9) Benzaldehyde	6.51	77	127208	24.528	ng		98
10) Phenol	6.61	94	315293	40.296	ng		92
11) bis(2-Chloroethyl)ether	6.70	93	255900	39.616	ng		99
12) 1,3-Dichlorobenzene	6.90	146	286425	40.612	ng		97
13) 1,4-Dichlorobenzene	6.98	146	288428	40.451	ng		98
14) 1,2-Dichlorobenzene	7.13	146	265417	40.617	ng		97
15) Benzyl Alcohol	7.10	79	228676	41.538	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	389496	45.958	ng		78
17) 2-Methylphenol	7.22	107	216827	42.077	ng	#	94
18) Hexachloroethane	7.47	117	102970	41.066	ng	#	87
19) n-Nitroso-di-n-propylamine	7.37	70	173267	38.339	ng		94
20) 3+4-Methylphenols	7.37	107	256507	46.565	ng	#	65
22) Acetophenone	7.37	105	338142	41.385	ng	#	93
24) Nitrobenzene	7.54	77	281474	41.953	ng		96
25) Isophorone	7.78	82	522718	45.139	ng		98
26) 2-Nitrophenol	7.86	139	141990	44.830	ng		96
27) 2,4-Dimethylphenol	7.90	122	246001	50.250	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	333707	42.919	ng		98
29) 2,4-Dichlorophenol	8.11	162	235151	45.881	ng		91
30) 1,2,4-Trichlorobenzene	8.18	180	255264	45.211	ng		97
31) Naphthalene	8.27	128	724836	42.451	ng		99
32) Benzoic acid	8.02	122	135575	39.258	ng		87
33) 4-Chloroaniline	8.31	127	68438	9.552	ng		96
34) Hexachlorobutadiene	8.37	225	167790	45.608	ng		98
35) Caprolactam	8.69	113	76781m	45.958	ng		
36) 4-Chloro-3-methylphenol	8.81	107	253280	46.950	ng		95
37) 2-Methylnaphthalene	8.96	142	540233	47.734	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	278364	41.239	ng		97
40) Hexachlorocyclopentadiene	9.11	237	325544	93.739	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	181252	40.396	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	192608	41.139	ng		92
45) 1,1'-Biphenyl	9.42	154	650947	40.751	ng		99
46) 2-Chloronaphthalene	9.45	162	488485	38.850	ng		96
47) 2-Nitroaniline	9.55	65	166016	39.265	ng		96
48) Acenaphthylene	9.87	152	788022	39.696	ng		98
49) Dimethylphthalate	9.72	163	604875	40.237	ng		97
50) 2,6-Dinitrotoluene	9.78	165	143417	45.053	ng		97
51) Acenaphthene	10.04	154	479383	38.349	ng		98
52) 3-Nitroaniline	9.95	138	56554	15.439	ng		99
53) 2,4-Dinitrophenol	10.07	184	152202	91.160	ng	#	22
54) Dibenzofuran	10.21	168	738257	43.130	ng		96
55) 4-Nitrophenol	10.14	139	195686	76.533	ng		94
56) 2,4-Dinitrotoluene	10.20	165	198746	47.832	ng	#	83
57) Fluorene	10.55	166	571869	42.102	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	178952	48.083	ng	#	80
59) Diethylphthalate	10.42	149	579849	39.964	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	294729	41.470	ng	#	86
61) 4-Nitroaniline	10.58	138	147578	40.594	ng		99
62) Azobenzene	10.70	77	581580	40.704	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	117657	44.745	ng		79
65) n-Nitrosodiphenylamine	10.66	169	520246	36.360	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	213156	41.987	ng	#	83
67) Hexachlorobenzene	11.10	284	226947	42.711	ng	#	85
68) Atrazine	11.19	200	200612	44.105	ng		92
69) Pentachlorophenol	11.30	266	209012	78.835	ng		98
70) Phenanthrene	11.52	178	881045	42.942	ng		99
71) Anthracene	11.57	178	907125	43.316	ng		98
72) Carbazole	11.73	167	811470	41.387	ng		97
73) Di-n-butylphthalate	12.04	149	949912	41.124	ng		99
74) Fluoranthene	12.71	202	1013949	44.837	ng		96
76) Benzidine	12.83	184	355916	34.712	ng		98
77) Pyrene	12.94	202	1009238	42.510	ng		98
79) Butylbenzylphthalate	13.55	149	420685	43.098	ng	#	97
80) Benzo(a)anthracene	14.14	228	937623	42.731	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	100254	13.000	ng	#	96
82) Chrysene	14.18	228	847298	41.973	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	578211	46.333	ng	#	95
84) Di-n-octyl phthalate	14.74	149	865359	42.541	ng		97
85) Indeno(1,2,3-cd)pyrene	17.26	276	760745	44.407	ng	#	91
87) Benzo(b)fluoranthene	15.24	252	716966m	42.223	ng		
88) Benzo(k)fluoranthene	15.27	252	697509	43.135	ng	#	96
89) Benzo(a)pyrene	15.62	252	665752	44.104	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	630547	49.288	ng	#	94
91) Benzo(g,h,i)perylene	17.74	276	656015	52.464	ng	#	90

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

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