Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061818\
Data File : BF106537.D
Acq On : 18 Jun 2018 14:39
Operator : JU/SJ
Sample : PB110319BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110319BS

Manual Integrations APPROVED
Sohil
6/19/2018 5:59:43 PM

Quant Time: Jun 19 03:58:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	120136	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	476050	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	234429	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	464507	20.00	ng		0.00
75) Chrysene-d12	14.16	240	351433	20.00	ng		0.00
86) Perylene-d12	15.70	264	266831	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	789786	111.27	ng		0.00
7) Phenol-d6	6.61	99	998565	111.35	ng		0.00
23) Nitrobenzene-d5	7.53	82	694096	85.77	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	321119	142.36	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1209881	95.10	ng		0.00
78) Terphenyl-d14	13.09	244	1359960	96.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.90	88	116593	31.739	ng		95
3) Pyridine	3.66	79	355843	34.760	ng		98
4) n-Nitrosodimethylamine	3.63	42	156558	33.383	ng		92
6) Aniline	6.63	93	248957	19.011	ng	#	31
8) 2-Chlorophenol	6.76	128	303113	39.710	ng		96
9) Benzaldehyde	6.52	77	187888	27.622	ng		98
10) Phenol	6.62	94	384024	39.226	ng		85
11) bis(2-Chloroethyl)ether	6.70	93	310169	37.009	ng		97
12) 1,3-Dichlorobenzene	6.91	146	344274	38.321	ng		98
13) 1,4-Dichlorobenzene	6.98	146	346395	37.996	ng		99
14) 1,2-Dichlorobenzene	7.14	146	323927	37.744	ng		99
15) Benzyl Alcohol	7.11	79	288113	37.515	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.24	45	477792	39.770	ng		83
17) 2-Methylphenol	7.22	107	266400	39.117	ng	#	92
18) Hexachloroethane	7.48	117	123109	37.898	ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	217121	32.271	ng		96
20) 3+4-Methylphenols	7.38	107	320460	36.795	ng	#	74
22) Acetophenone	7.37	105	414629	34.561	ng	#	94
24) Nitrobenzene	7.55	77	351631	39.979	ng		95
25) Isophorone	7.78	82	652991	41.313	ng		97
26) 2-Nitrophenol	7.87	139	170607	49.974	ng		99
27) 2,4-Dimethylphenol	7.90	122	288046	43.048	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	409240	39.931	ng		98
29) 2,4-Dichlorophenol	8.11	162	282687	43.791	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	286188	39.539	ng		95
31) Naphthalene	8.27	128	873707	40.600	ng		99
32) Benzoic acid	8.02	122	142786	31.827	ng		89
33) 4-Chloroaniline	8.32	127	101429	10.636	ng		98
34) Hexachlorobutadiene	8.38	225	184099	39.590	ng		97
35) Caprolactam	8.70	113	90522m	41.457	ng		
36) 4-Chloro-3-methylphenol	8.81	107	295105	41.327	ng		97
37) 2-Methylnaphthalene	8.97	142	609790	41.603	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	304789	40.050	ng		98
40) Hexachlorocyclopentadiene	9.11	237	348978	83.114	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	213941	44.113	ng		97
43) 2,4,5-Trichlorophenol	9.30	196	219539	41.991	ng	#	94
45) 1,1'-Biphenyl	9.42	154	725760	39.970	ng		99
46) 2-Chloronaphthalene	9.45	162	577858	39.768	ng		98
47) 2-Nitroaniline	9.55	65	201837	44.154	ng		95
48) Acenaphthylene	9.87	152	925707	41.621	ng		98
49) Dimethylphthalate	9.72	163	696401	41.580	ng		98
50) 2,6-Dinitrotoluene	9.80	165	156464	45.734	ng		93
51) Acenaphthene	10.05	154	525435	36.581	ng		99
52) 3-Nitroaniline	9.96	138	71377	17.578	ng		93
53) 2,4-Dinitrophenol	10.07	184	126127	80.265	ng	#	19
54) Dibenzofuran	10.22	168	794719	41.088	ng		98
55) 4-Nitrophenol	10.15	139	205134	65.909	ng		92
56) 2,4-Dinitrotoluene	10.20	165	211097	49.136	ng	#	89
57) Fluorene	10.56	166	619714	40.439	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	185873	44.855	ng	#	83
59) Diethylphthalate	10.42	149	672631	40.462	ng		96
60) 4-Chlorophenyl-phenylether	10.55	204	323465	40.131	ng		91
61) 4-Nitroaniline	10.58	138	159787	40.446	ng		99
62) Azobenzene	10.71	77	696806	40.198	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	103564	42.205	ng		90
65) n-Nitrosodiphenylamine	10.67	169	593826	38.038	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	226093	42.795	ng	#	82
67) Hexachlorobenzene	11.11	284	233290	42.831	ng	#	88
68) Atrazine	11.20	200	204082	42.420	ng		95
69) Pentachlorophenol	11.31	266	193077	57.577	ng		98
70) Phenanthrene	11.53	178	914846	40.215	ng		98
71) Anthracene	11.58	178	943713	41.409	ng		99
72) Carbazole	11.74	167	827184	39.315	ng		99
73) Di-n-butylphthalate	12.05	149	1009049	43.091	ng		99
74) Fluoranthene	12.72	202	1001328	41.274	ng		97
76) Benzidine	12.84	184	265704	22.717	ng		99
77) Pyrene	12.95	202	1002108	45.546	ng		99
79) Butylbenzylphthalate	13.56	149	430408	52.260	ng	#	95
80) Benzo(a)anthracene	14.15	228	868304	41.519	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	128787	18.252	ng	#	94
82) Chrysene	14.19	228	810159	42.430	ng		100
83) Bis(2-ethylhexyl)phthalate	14.12	149	571395	48.388	ng		99
84) Di-n-octyl phthalate	14.75	149	809692	47.562	ng		98
85) Indeno(1,2,3-cd)pyrene	17.28	276	724513	47.544	ng	#	92
87) Benzo(b)fluoranthene	15.24	252	666015	41.291	ng		98
88) Benzo(k)fluoranthene	15.28	252	633768	39.674	ng	#	96
89) Benzo(a)pyrene	15.64	252	619760	42.719	ng		98
90) Dibenzo(a,h)anthracene	17.29	278	593092	49.035	ng	#	95
91) Benzo(g,h,i)perylene	17.76	276	626266	53.279	ng	#	92

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

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