Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106711.D
Acq On : 22 Jun 2018 16:37
Operator : JU/SJ
Sample : PB110459BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110459BS

Manual Integrations APPROVED
Sohil
6/25/2018 5:16:45 PM

Quant Time: Jun 22 17:40:42 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 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	57043	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	227991	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	124900	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	264513	20.00	ng		0.00
75) Chrysene-d12	14.15	240	185263	20.00	ng		0.00
86) Perylene-d12	15.69	264	164087	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	388217	115.24	ng		0.00
7) Phenol-d6	6.61	99	505162	120.08	ng		0.00
23) Nitrobenzene-d5	7.53	82	340671	83.04	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	199480	137.80	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	642030	87.43	ng		0.00
78) Terphenyl-d14	13.08	244	803404	105.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	48926	28.250	ng		97
3) Pyridine	3.65	79	153593	32.700	ng		98
4) n-Nitrosodimethylamine	3.61	42	67447	33.809	ng		83
6) Aniline	6.63	93	179721	31.494	ng	#	82
8) 2-Chlorophenol	6.76	128	149151	40.367	ng		95
9) Benzaldehyde	6.51	77	72839	22.592	ng		99
10) Phenol	6.62	94	183103	38.138	ng		79
11) bis(2-Chloroethyl)ether	6.70	93	153982	38.850	ng		100
12) 1,3-Dichlorobenzene	6.90	146	170079	39.302	ng		98
13) 1,4-Dichlorobenzene	6.98	146	172072	39.330	ng		99
14) 1,2-Dichlorobenzene	7.13	146	161117	40.183	ng		98
15) Benzyl Alcohol	7.11	79	134231	39.737	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	218997	42.113	ng		80
17) 2-Methylphenol	7.22	107	131877	41.707	ng	#	94
18) Hexachloroethane	7.47	117	59754	38.838	ng	#	84
19) n-Nitroso-di-n-propylamine	7.37	70	102599	36.999	ng		95
20) 3+4-Methylphenols	7.37	107	153420	44.926	ng	#	72
22) Acetophenone	7.37	105	200489	39.306	ng	#	93
24) Nitrobenzene	7.55	77	164729	39.329	ng		99
25) Isophorone	7.78	82	318721	44.088	ng		99
26) 2-Nitrophenol	7.86	139	88149	44.581	ng		98
27) 2,4-Dimethylphenol	7.90	122	147020	48.106	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	200126	41.230	ng		98
29) 2,4-Dichlorophenol	8.11	162	146288	45.721	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	154463	43.823	ng		98
31) Naphthalene	8.27	128	444162	41.669	ng		100
32) Benzoic acid	8.04	122	90312	41.506	ng		95
33) 4-Chloroaniline	8.31	127	102928	23.013	ng		98
34) Hexachlorobutadiene	8.37	225	101305	44.109	ng		99
35) Caprolactam	8.70	113	52067m	49.922	ng		
36) 4-Chloro-3-methylphenol	8.81	107	156400	46.440	ng		98
37) 2-Methylnaphthalene	8.96	142	334615	47.361	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	174244	41.425	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	191202	88.352	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	112901	40.380	ng		93
43) 2,4,5-Trichlorophenol	9.29	196	120169	41.189	ng	#	90
45) 1,1'-Biphenyl	9.42	154	405973	40.785	ng		98
46) 2-Chloronaphthalene	9.45	162	303444	38.728	ng		94
47) 2-Nitroaniline	9.55	65	99983	37.948	ng		95
48) Acenaphthylene	9.87	152	487164	39.382	ng		98
49) Dimethylphthalate	9.72	163	378520	40.407	ng		99
50) 2,6-Dinitrotoluene	9.79	165	88046	44.386	ng		91
51) Acenaphthene	10.04	154	295365	37.918	ng		97
52) 3-Nitroaniline	9.96	138	60391	26.457	ng		97
53) 2,4-Dinitrophenol	10.07	184	84369	81.684	ng	#	19
54) Dibenzofuran	10.21	168	455596	42.713	ng		97
55) 4-Nitrophenol	10.15	139	112244	70.447	ng		96
56) 2,4-Dinitrotoluene	10.20	165	118917	45.928	ng	#	84
57) Fluorene	10.56	166	354813	41.920	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	111759	48.189	ng	#	79
59) Diethylphthalate	10.42	149	359966	39.813	ng	#	93
60) 4-Chlorophenyl-phenylether	10.54	204	184241	41.602	ng	#	86
61) 4-Nitroaniline	10.59	138	90872	40.113	ng		95
62) Azobenzene	10.71	77	347905	39.075	ng		91
64) 4,6-Dinitro-2-methylphenol	10.61	198	66841	40.879	ng		79
65) n-Nitrosodiphenylamine	10.67	169	320382	36.010	ng		98
66) 4-Bromophenyl-phenylether	11.04	248	133646	42.336	ng	#	78
67) Hexachlorobenzene	11.11	284	139825	42.319	ng	#	80
68) Atrazine	11.19	200	120216	42.504	ng		95
69) Pentachlorophenol	11.31	266	124131	75.295	ng		100
70) Phenanthrene	11.52	178	532008	41.700	ng		99
71) Anthracene	11.58	178	553171	42.479	ng		100
72) Carbazole	11.73	167	490215	40.208	ng		98
73) Di-n-butylphthalate	12.04	149	564399	39.295	ng		99
74) Fluoranthene	12.72	202	584901	41.595	ng		94
76) Benzidine	12.84	184	216653	41.062	ng		97
77) Pyrene	12.95	202	581661	47.612	ng		99
79) Butylbenzylphthalate	13.55	149	220015	43.802	ng	#	95
80) Benzo(a)anthracene	14.14	228	490472	43.438	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	107119	26.993	ng	#	98
82) Chrysene	14.18	228	447698	43.098	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	282981	44.067	ng	#	95
84) Di-n-octyl phthalate	14.74	149	433875	41.449	ng		96
85) Indeno(1,2,3-cd)pyrene	17.27	276	464427	52.683	ng	#	89
87) Benzo(b)fluoranthene	15.24	252	438832	43.052	ng	#	96
88) Benzo(k)fluoranthene	15.27	252	378206	38.963	ng	#	95
89) Benzo(a)pyrene	15.63	252	396818	43.792	ng	#	95
90) Dibenzo(a,h)anthracene	17.29	278	375491	48.896	ng	#	92
91) Benzo(g,h,i)perylene	17.75	276	398951	53.151	ng	#	90

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

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