Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071218\
Data File : BF107336.D
Acq On : 12 Jul 2018 14:04
Operator : JU/SJ
Sample : PB110949BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB110949BS

Manual Integrations APPROVED
Sohil
7/13/2018 11:17:11 AM

Quant Time: Jul 12 15:39:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 11 16:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	55558	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	214801	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	113386	20.00	ng		0.00
63) Phenanthrene-d10	11.48	188	231194	20.00	ng		0.00
75) Chrysene-d12	14.14	240	158447	20.00	ng		0.00
86) Perylene-d12	15.67	264	162171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	337279	102.80	ng		0.01
7) Phenol-d6	6.58	99	411536	100.44	ng		0.00
23) Nitrobenzene-d5	7.50	82	266095	68.84	ng		0.00
41) 2,4,6-Tribromophenol	10.78	330	137405	104.56	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	521459	76.34	ng		0.00
78) Terphenyl-d14	13.06	244	605424	92.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	44695	26.497	ng		96
3) Pyridine	3.62	79	129467	28.301	ng		99
4) n-Nitrosodimethylamine	3.58	42	51480	26.495	ng		86
6) Aniline	6.60	93	102621	18.464	ng	#	23
8) 2-Chlorophenol	6.72	128	118381	32.896	ng		98
9) Benzaldehyde	6.49	77	49589	15.045	ng		98
10) Phenol	6.60	94	146491	31.328	ng		74
11) bis(2-Chloroethyl)ether	6.67	93	117179	30.355	ng		98
12) 1,3-Dichlorobenzene	6.87	146	138395	32.835	ng		97
13) 1,4-Dichlorobenzene	6.95	146	139910	32.833	ng		96
14) 1,2-Dichlorobenzene	7.10	146	131396	33.646	ng		97
15) Benzyl Alcohol	7.08	79	98602	29.970	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	169773	33.520	ng	#	13
17) 2-Methylphenol	7.20	107	100261	32.556	ng	#	90
18) Hexachloroethane	7.44	117	48619	32.445	ng	#	85
19) n-Nitroso-di-n-propylamine	7.34	70	84467	31.274	ng		95
20) 3+4-Methylphenols	7.35	107	134056	38.802	ng		93
22) Acetophenone	7.34	105	168713	35.107	ng	#	97
24) Nitrobenzene	7.52	77	129301	32.766	ng		99
25) Isophorone	7.75	82	236416	34.711	ng		100
26) 2-Nitrophenol	7.83	139	66158	35.514	ng		99
27) 2,4-Dimethylphenol	7.87	122	109880	38.161	ng		100
28) bis(2-Chloroethoxy)methane	7.95	93	150652	32.943	ng		98
29) 2,4-Dichlorophenol	8.08	162	108434	35.971	ng		94
30) 1,2,4-Trichlorobenzene	8.15	180	120759	36.364	ng		98
31) Naphthalene	8.24	128	350373	34.889	ng		99
32) Benzoic acid	8.01	122	45470	24.849	ng		99
33) 4-Chloroaniline	8.29	127	56306	13.362	ng		99
34) Hexachlorobutadiene	8.34	225	81355	37.598	ng		97
35) Caprolactam	8.67	113	33620m	34.214	ng		
36) 4-Chloro-3-methylphenol	8.79	107	109355	34.465	ng		95
37) 2-Methylnaphthalene	8.93	142	260539	39.141	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	136122	35.648	ng	#	96
40) Hexachlorocyclopentadiene	9.07	237	33614	17.110	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	69692	27.457	ng		96
43) 2,4,5-Trichlorophenol	9.27	196	68061	25.697	ng		89
45) 1,1'-Biphenyl	9.40	154	311346	34.455	ng		98
46) 2-Chloronaphthalene	9.42	162	227294	31.955	ng		95
47) 2-Nitroaniline	9.53	65	70600	29.517	ng		94
48) Acenaphthylene	9.84	152	363377	32.358	ng		99
49) Dimethylphthalate	9.69	163	262647	30.885	ng		98
50) 2,6-Dinitrotoluene	9.77	165	61143	33.954	ng	#	81
51) Acenaphthene	10.01	154	222364	31.445	ng		98
52) 3-Nitroaniline	9.94	138	31950	15.418	ng		99
53) 2,4-Dinitrophenol	10.07	184	30513	35.762	ng	#	18
54) Dibenzofuran	10.19	168	327895	33.863	ng		95
55) 4-Nitrophenol	10.14	139	21819	15.085	ng		97
56) 2,4-Dinitrotoluene	10.18	165	77182	32.836	ng		93
57) Fluorene	10.53	166	271783	35.371	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.31	232	48739	23.150	ng	#	80
59) Diethylphthalate	10.39	149	257313	31.349	ng	#	94
60) 4-Chlorophenyl-phenylether	10.51	204	140424	34.928	ng	#	88
61) 4-Nitroaniline	10.57	138	53710	26.117	ng		94
62) Azobenzene	10.68	77	252039	31.182	ng		94
64) 4,6-Dinitro-2-methylphenol	10.60	198	37852	26.486	ng		74
65) n-Nitrosodiphenylamine	10.64	169	228953	29.442	ng		99
66) 4-Bromophenyl-phenylether	11.01	248	95368	34.564	ng	#	82
67) Hexachlorobenzene	11.08	284	100277	34.724	ng	#	86
68) Atrazine	11.17	200	82542	33.389	ng		95
69) Pentachlorophenol	11.29	266	25178m	17.473	ng		
70) Phenanthrene	11.50	178	392046	35.158	ng		99
71) Anthracene	11.55	178	406856	35.746	ng		99
72) Carbazole	11.71	167	336802	31.606	ng		98
73) Di-n-butylphthalate	12.02	149	397658	31.676	ng		99
74) Fluoranthene	12.70	202	409006	33.278	ng		95
76) Benzidine	12.82	184	107215	23.759	ng		97
77) Pyrene	12.93	202	400039	38.287	ng		99
79) Butylbenzylphthalate	13.52	149	143773	33.468	ng	#	98
80) Benzo(a)anthracene	14.12	228	329896	34.162	ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	59189	17.439	ng	#	97
82) Chrysene	14.16	228	309510	34.838	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	186948	34.039	ng	#	96
84) Di-n-octyl phthalate	14.70	149	303840	33.939	ng		96
85) Indeno(1,2,3-cd)pyrene	17.28	276	359684	47.707	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	315821	31.350	ng	#	97
88) Benzo(k)fluoranthene	15.25	252	295599	30.813	ng	#	95
89) Benzo(a)pyrene	15.61	252	305533	34.117	ng	#	96
90) Dibenzo(a,h)anthracene	17.28	278	298181	39.287	ng	#	93
91) Benzo(g,h,i)perylene	17.75	276	310846	41.902	ng	#	89

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

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