Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
Data File : BF111575.D
Acq On : 18 Dec 2018 8:49
Operator : JU/SJ
Sample : PB115763BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB115763BS

Manual Integrations APPROVED
Sohil
12/18/2018 12:50:08 PM

Quant Time: Dec 18 10:33:55 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	128864	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	526329	20.00	ng		-0.01
39) Acenaphthene-d10	9.83	164	300834	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	455119	20.00	ng		0.00
76) Chrysene-d12	13.94	240	343226	20.00	ng		0.00
87) Perylene-d12	15.38	264	275725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	861972	111.31	ng		0.01
7) Phenol-d6	6.44	99	1114156	108.16	ng		0.00
23) Nitrobenzene-d5	7.35	82	674262	76.29	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	251514	93.33	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1296771	66.58	ng		-0.01
79) Terphenyl-d14	12.89	244	1166628	79.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	98332	26.291	ng		93
3) Pyridine	3.29	79	283166	30.145	ng		92
4) n-Nitrosodimethylamine	3.23	42	157914	37.010	ng		85
6) Aniline	6.45	93	150670	11.792	ng	#	1
8) 2-Chlorophenol	6.58	128	341927	36.954	ng		95
9) Benzaldehyde	6.33	77	98758	15.807	ng		92
10) Phenol	6.45	94	383406	33.413	ng		93
11) bis(2-Chloroethyl)ether	6.52	93	301089	33.472	ng		97
12) 1,3-Dichlorobenzene	6.73	146	355482	34.901	ng		98
13) 1,4-Dichlorobenzene	6.80	146	360064	34.828	ng		98
14) 1,2-Dichlorobenzene	6.96	146	341885	35.152	ng		97
15) Benzyl Alcohol	6.93	79	272583	34.778	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	586852	33.413	ng		84
17) 2-Methylphenol	7.06	107	255351	34.291	ng	#	90
18) Hexachloroethane	7.30	117	120634	31.354	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	222816	32.787	ng		95
20) 3+4-Methylphenols	7.21	107	334290	35.788	ng	#	65
22) Acetophenone	7.19	105	457535	38.941	ng	#	87
24) Nitrobenzene	7.37	77	327634	36.338	ng		97
25) Isophorone	7.61	82	596182	39.865	ng		99
26) 2-Nitrophenol	7.69	139	151476	32.395	ng		96
27) 2,4-Dimethylphenol	7.73	122	293129	43.242	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	386081	37.396	ng		98
29) 2,4-Dichlorophenol	7.93	162	267922	37.025	ng		96
30) 1,2,4-Trichlorobenzene	8.01	180	273954	36.164	ng		99
31) Naphthalene	8.09	128	963083	39.122	ng		96
32) Benzoic acid	7.84	122	70643	12.060	ng		97
33) 4-Chloroaniline	8.14	127	70951	6.481	ng		95
34) Hexachlorobutadiene	8.22	225	151119	36.209	ng		98
35) Caprolactam	8.50	113	81994m	30.519	ng		
36) 4-Chloro-3-methylphenol	8.63	107	264587	33.218	ng		99
37) 2-Methylnaphthalene	8.79	142	654618	39.297	ng		99
38) 1-Methylnaphthalene	8.88	142	608545	37.814	ng		96
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	251579	30.494	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	68837	16.251 ng	99
43) 2,4,6-Trichlorophenol	9.07	196	159808	27.369 ng	98
44) 2,4,5-Trichlorophenol	9.12	196	163066	26.244 ng	93
46) 1,1'-Biphenyl	9.25	154	744394	29.203 ng	93
47) 2-Chloronaphthalene	9.27	162	564930	29.157 ng	95
48) 2-Nitroaniline	9.37	65	167417	26.612 ng	87
49) Acenaphthylene	9.69	152	879455	30.579 ng	95
50) Dimethylphthalate	9.55	163	650318	30.016 ng	98
51) 2,6-Dinitrotoluene	9.61	165	135400	27.765 ng	96
52) Acenaphthene	9.86	154	665195	36.594 ng	99
53) 3-Nitroaniline	9.77	138	112966	19.071 ng	97
54) 2,4-Dinitrophenol	9.89	184	17859	9.626 ng	93
55) Dibenzofuran	10.03	168	981879	37.213 ng	96
56) 4-Nitrophenol	9.96	139	208857	50.950 ng	90
57) 2,4-Dinitrotoluene	10.01	165	216192	33.776 ng	99
58) Fluorene	10.37	166	725784	37.923 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	151481	31.203 ng	97
60) Diethylphthalate	10.25	149	806046	36.729 ng	98
61) 4-Chlorophenyl-phenylether	10.36	204	335756	35.858 ng	98
62) 4-Nitroaniline	10.39	138	168199	28.685 ng	95
63) Azobenzene	10.52	77	754543	34.875 ng	94
65) 4,6-Dinitro-2-methylphenol	10.42	198	19300	7.512 ng	84
66) n-Nitrosodiphenylamine	10.48	169	657671	41.904 ng	98
67) 4-Bromophenyl-phenylether	10.85	248	198258	40.417 ng	98
68) Hexachlorobenzene	10.93	284	193624	38.373 ng	94
69) Atrazine	11.01	200	193067	42.566 ng	98
70) Pentachlorophenol	11.12	266	152456	49.261 ng	97
71) Phenanthrene	11.33	178	927918	39.568 ng	93
72) Anthracene	11.39	178	972925	40.567 ng	95
73) Carbazole	11.54	167	866376	34.933 ng	95
74) Di-n-butylphthalate	11.87	149	1148068	41.565 ng	96
75) Fluoranthene	12.52	202	874579	38.121 ng	97
77) Benzidine	12.64	184	267974	21.239 ng	97
78) Pyrene	12.74	202	889026	36.739 ng	95
80) Butylbenzylphthalate	13.37	149	428231	36.306 ng	91
81) Benzo(a)anthracene	13.93	228	723445	38.765 ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	162472	21.415 ng	99
83) Chrysene	13.97	228	748513	38.073 ng	95
84) Bis(2-ethylhexyl)phthalate	13.93	149	569052	37.772 ng	97
85) Di-n-octyl phthalate	14.54	149	1017473	40.040 ng	95
86) Indeno(1,2,3-cd)pyrene	16.80	276	500185	35.251 ng	96
88) Benzo(b)fluoranthene	14.97	252	646296	40.205 ng	98
89) Benzo(k)fluoranthene	15.00	252	678789	44.192 ng	98
90) Benzo(a)pyrene	15.32	252	591763	40.823 ng	98
91) Dibenzo(a,h)anthracene	16.81	278	424088	37.087 ng	99
92) Benzo(g,h,i)perylene	17.23	276	413287	36.821 ng	93

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

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