Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
Data File : BF107465.D
Acq On : 18 Jul 2018 9:48
Operator : JU/SJ
Sample : PB111180BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111180BS

Manual Integrations APPROVED
Sohil
7/19/2018 11:49:11 AM

Quant Time: Jul 18 12:04:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 11:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	135714	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	512927	20.00	ng		0.00
38) Acenaphthene-d10	10.03	164	278043	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	594201	20.00	ng		0.00
75) Chrysene-d12	14.18	240	444748	20.00	ng		0.00
86) Perylene-d12	15.71	264	321010	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	868086	97.15	ng		0.01
7) Phenol-d6	6.62	99	1121693	97.09	ng		0.00
23) Nitrobenzene-d5	7.55	82	861349	89.55	ng		0.00
41) 2,4,6-Tribromophenol	10.83	330	283449	116.03	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1419160	85.12	ng		0.00
78) Terphenyl-d14	13.11	244	1565715	87.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	118717	26.910	ng		90
3) Pyridine	3.73	79	344171	28.925	ng		92
4) n-Nitrosodimethylamine	3.69	42	188817	38.645	ng	#	80
6) Aniline	6.65	93	344053	22.528	ng		93
8) 2-Chlorophenol	6.78	128	315939	34.961	ng		96
9) Benzaldehyde	6.54	77	199798	21.498	ng		87
10) Phenol	6.63	94	417517	33.709	ng	#	67
11) bis(2-Chloroethyl)ether	6.72	93	334193	33.063	ng		96
12) 1,3-Dichlorobenzene	6.93	146	364478	33.220	ng	#	90
13) 1,4-Dichlorobenzene	7.00	146	362821m	33.360	ng		
14) 1,2-Dichlorobenzene	7.15	146	341680	33.576	ng		94
15) Benzyl Alcohol	7.12	79	412700	35.570	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.25	45	348398	32.301	ng		80
17) 2-Methylphenol	7.24	107	314961	36.657	ng	#	83
18) Hexachloroethane	7.50	117	151053	37.327	ng		95
19) n-Nitroso-di-n-propylamine	7.40	70	275835	33.345	ng	#	95
20) 3+4-Methylphenols	7.38	107	351192	32.176	ng	#	67
22) Acetophenone	7.40	105	483590	34.315	ng	#	88
24) Nitrobenzene	7.57	77	413417	38.245	ng		91
25) Isophorone	7.81	82	742739	38.956	ng	#	91
26) 2-Nitrophenol	7.88	139	188017	51.167	ng	#	66
27) 2,4-Dimethylphenol	7.91	122	322847	42.133	ng	#	84
28) bis(2-Chloroethoxy)methane	8.01	93	437973	36.679	ng		95
29) 2,4-Dichlorophenol	8.12	162	300964	37.743	ng		94
30) 1,2,4-Trichlorobenzene	8.21	180	336257	34.824	ng		97
31) Naphthalene	8.30	128	946125	37.975	ng		98
32) Benzoic acid	8.04	122	183378	38.994	ng	#	65
33) 4-Chloroaniline	8.34	127	190766	17.680	ng	#	85
34) Hexachlorobutadiene	8.40	225	223376	34.572	ng		100
35) Caprolactam	8.72	113	112880m	43.518	ng		
36) 4-Chloro-3-methylphenol	8.82	107	410072	39.358	ng	#	82
37) 2-Methylnaphthalene	8.98	142	674902	41.096	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	395898	36.590	ng		97
40) Hexachlorocyclopentadiene	9.13	237	481612	85.223	ng		91

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42) 2,4,6-Trichlorophenol	9.26	196	259066	38.357	ng		100
43) 2,4,5-Trichlorophenol	9.31	196	266729	41.281	ng		92
45) 1,1'-Biphenyl	9.45	154	839931	34.939	ng		94
46) 2-Chloronaphthalene	9.48	162	664354	34.990	ng		95
47) 2-Nitroaniline	9.57	65	266410	45.850	ng	#	76
48) Acenaphthylene	9.90	152	1002646	37.840	ng		94
49) Dimethylphthalate	9.75	163	851958	38.565	ng		98
50) 2,6-Dinitrotoluene	9.81	165	187443	44.465	ng	#	79
51) Acenaphthene	10.07	154	625386	35.603	ng		99
52) 3-Nitroaniline	9.98	138	113443	25.620	ng	#	81
53) 2,4-Dinitrophenol	10.10	184	192793	88.356	ng	#	26
54) Dibenzofuran	10.24	168	955565	35.203	ng		94
55) 4-Nitrophenol	10.15	139	282343	78.802	ng	#	57
56) 2,4-Dinitrotoluene	10.22	165	255556	46.509	ng	#	76
57) Fluorene	10.58	166	710018	39.495	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	233810	37.357	ng	#	90
59) Diethylphthalate	10.45	149	812650	37.864	ng		96
60) 4-Chlorophenyl-phenylether	10.57	204	400301	37.382	ng		97
61) 4-Nitroaniline	10.61	138	173356	41.140	ng	#	44
62) Azobenzene	10.73	77	898187	35.637	ng		87
64) 4,6-Dinitro-2-methylphenol	10.63	198	151730	47.704	ng		89
65) n-Nitrosodiphenylamine	10.69	169	681968	36.339	ng		93
66) 4-Bromophenyl-phenylether	11.07	248	240554	35.385	ng		97
67) Hexachlorobenzene	11.13	284	230353	36.605	ng	#	91
68) Atrazine	11.22	200	264399	37.282	ng		93
69) Pentachlorophenol	11.32	266	261067	56.139	ng		95
70) Phenanthrene	11.55	178	1103706	37.272	ng		98
71) Anthracene	11.61	178	1145423	38.835	ng		99
72) Carbazole	11.76	167	943526	33.790	ng		96
73) Di-n-butylphthalate	12.07	149	1258719	39.224	ng	#	97
74) Fluoranthene	12.74	202	1254148	37.262	ng		94
76) Benzidine	12.86	184	457891	26.528	ng		96
77) Pyrene	12.98	202	1258660	41.617	ng		99
79) Butylbenzylphthalate	13.58	149	509555	46.254	ng	#	92
80) Benzo(a)anthracene	14.17	228	1067551	39.230	ng		98
81) 3,3'-Dichlorobenzidine	14.12	252	229436	25.140	ng	#	96
82) Chrysene	14.21	228	971951	37.391	ng		99
83) Bis(2-ethylhexyl)phthalate	14.13	149	674782	42.744	ng		94
84) Di-n-octyl phthalate	14.75	149	1006881	41.029	ng	#	100
85) Indeno(1,2,3-cd)pyrene	17.29	276	740952	40.045	ng	#	90
87) Benzo(b)fluoranthene	15.25	252	792050	42.155	ng	#	94
88) Benzo(k)fluoranthene	15.29	252	667629	36.410	ng	#	94
89) Benzo(a)pyrene	15.65	252	700504	40.619	ng	#	94
90) Dibenzo(a,h)anthracene	17.32	278	595514	45.754	ng	#	92
91) Benzo(g,h,i)perylene	17.78	276	631706	47.765	ng	#	88

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

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