Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
Data File : BF110034.D
Acq On : 20 Oct 2018 6:30
Operator : JU/SJ
Sample : PB113927BSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113927BSD

Manual Integrations APPROVED
Sohil
10/22/2018 2:55:55 PM

Quant Time: Oct 22 02:04:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	226684	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	916746	20.00	ng		-0.01
39) Acenaphthene-d10	10.02	164	399520	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	640835	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	406588	20.00	ng		-0.01
87) Perylene-d12	15.67	264	345048	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1196128	83.64	ng		0.00
7) Phenol-d6	6.60	99	1505037	84.75	ng		0.00
23) Nitrobenzene-d5	7.54	82	1339400	98.42	ng		-0.01
42) 2,4,6-Tribromophenol	10.81	330	302044	87.32	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	2243647	89.61	ng		0.00
79) Terphenyl-d14	13.09	244	1541562	79.62	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	223023	27.458	ng		91
3) Pyridine	3.70	79	656447	36.251	ng	#	85
4) n-Nitrosodimethylamine	3.67	42	325269	44.033	ng		98
6) Aniline	6.63	93	553687	23.137	ng	#	53
8) 2-Chlorophenol	6.76	128	668873	41.755	ng		98
9) Benzaldehyde	6.52	77	270557	23.446	ng		95
10) Phenol	6.61	94	799770	41.715	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	624791	38.975	ng		91
12) 1,3-Dichlorobenzene	6.91	146	692240	39.410	ng		99
13) 1,4-Dichlorobenzene	6.99	146	695134	39.295	ng		97
14) 1,2-Dichlorobenzene	7.15	146	641860	39.403	ng		98
15) Benzyl Alcohol	7.11	79	578054	42.312	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.24	45	1008245	38.320	ng		68
17) 2-Methylphenol	7.22	107	549743	42.559	ng	#	81
18) Hexachloroethane	7.48	117	252419	40.377	ng		94
19) n-Nitroso-di-n-propylamine	7.39	70	443920	38.934	ng		96
20) 3+4-Methylphenols	7.37	107	664515	40.540	ng		96
22) Acetophenone	7.38	105	889413	41.835	ng		97
24) Nitrobenzene	7.56	77	665298	45.002	ng		93
25) Isophorone	7.79	82	1247058	46.636	ng		96
26) 2-Nitrophenol	7.87	139	328611	53.609	ng		95
27) 2,4-Dimethylphenol	7.90	122	623137	48.381	ng		98
28) bis(2-Chloroethoxy)methane	8.00	93	777423	42.363	ng		99
29) 2,4-Dichlorophenol	8.11	162	533202	42.675	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	570244	40.761	ng		95
31) Naphthalene	8.28	128	1827263	43.466	ng		100
32) Benzoic acid	8.02	122	250562	31.223	ng		90
33) 4-Chloroaniline	8.32	127	141107	7.467	ng		97
34) Hexachlorobutadiene	8.39	225	311668	40.400	ng		98
35) Caprolactam	8.71	113	192882m	43.467	ng		
36) 4-Chloro-3-methylphenol	8.80	107	568177	43.106	ng		94
37) 2-Methylnaphthalene	8.97	142	1231805	45.251	ng		98
38) 1-Methylnaphthalene	9.07	142	1162621m	44.076	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	523552	42.546	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	364075	61.298	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	354305	46.046	ng		96
44) 2,4,5-Trichlorophenol	9.29	196	359069	44.962	ng		95
46) 1,1'-Biphenyl	9.43	154	1477306	41.502	ng		99
47) 2-Chloronaphthalene	9.46	162	1084216	41.351	ng		97
48) 2-Nitroaniline	9.56	65	347160	51.594	ng		95
49) Acenaphthylene	9.88	152	1669053	43.818	ng		96
50) Dimethylphthalate	9.73	163	1290931	45.633	ng		100
51) 2,6-Dinitrotoluene	9.80	165	276746	51.505	ng		94
52) Acenaphthene	10.05	154	1047111	43.180	ng		98
53) 3-Nitroaniline	9.96	138	166521	25.477	ng		93
54) 2,4-Dinitrophenol	10.07	184	73244	46.934	ng	#	88
55) Dibenzofuran	10.22	168	1448619	41.887	ng		99
56) 4-Nitrophenol	10.13	139	413877	82.987	ng		88
57) 2,4-Dinitrotoluene	10.20	165	358171	52.315	ng	#	86
58) Fluorene	10.57	166	1103019	43.813	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.34	232	280067	44.250	ng		95
60) Diethylphthalate	10.43	149	1210859	43.336	ng		98
61) 4-Chlorophenyl-phenylether	10.56	204	530666	40.465	ng		97
62) 4-Nitroaniline	10.59	138	248845	40.220	ng		91
63) Azobenzene	10.72	77	1148452	39.344	ng		95
65) 4,6-Dinitro-2-methylphenol	10.61	198	60940	29.831	ng		95
66) n-Nitrosodiphenylamine	10.67	169	1007822	47.219	ng		97
67) 4-Bromophenyl-phenylether	11.05	248	324988	46.795	ng		91
68) Hexachlorobenzene	11.11	284	324322	43.792	ng	#	89
69) Atrazine	11.20	200	326188	48.926	ng		98
70) Pentachlorophenol	11.30	266	277211	65.772	ng		97
71) Phenanthrene	11.53	178	1481085	44.643	ng		99
72) Anthracene	11.59	178	1517655	45.501	ng		99
73) Carbazole	11.74	167	1280693	39.069	ng		99
74) Di-n-butylphthalate	12.06	149	1691420	46.235	ng		100
75) Fluoranthene	12.72	202	1310477	39.540	ng		99
77) Benzidine	12.84	184	573725	36.803	ng		97
78) Pyrene	12.95	202	1267123	42.432	ng		99
80) Butylbenzylphthalate	13.56	149	594367	49.231	ng		97
81) Benzo(a)anthracene	14.14	228	1113671	46.502	ng		100
82) 3,3'-Dichlorobenzidine	14.10	252	291838	34.759	ng		99
83) Chrysene	14.18	228	1018061	44.660	ng		100
84) Bis(2-ethylhexyl)phthalate	14.11	149	814856	51.293	ng		95
85) Di-n-octyl phthalate	14.73	149	1308008	58.401	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	802286	43.711	ng	#	95
88) Benzo(b)fluoranthene	15.22	252	987591	49.646	ng		99
89) Benzo(k)fluoranthene	15.25	252	929477	47.404	ng	#	96
90) Benzo(a)pyrene	15.61	252	872376	47.682	ng		98
91) Dibenzo(a,h)anthracene	17.25	278	677986	41.815	ng		98
92) Benzo(g,h,i)perylene	17.71	276	643200	39.262	ng		98

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

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