Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
Data File : BF110042.D
Acq On : 22 Oct 2018 11:59
Operator : JU/SJ
Sample : PB114001BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB114001BSD

Manual Integrations APPROVED
Sohil
10/23/2018 2:18:34 PM

Quant Time: Oct 23 02:27:48 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	166893	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	706181	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	337729	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	661656	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	525311	20.00	ng		-0.01
87) Perylene-d12	15.67	264	392023	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	1328503	126.18	ng		0.00
7) Phenol-d6	6.60	99	1702714	130.24	ng		0.00
23) Nitrobenzene-d5	7.53	82	890135	84.91	ng		-0.02
42) 2,4,6-Tribromophenol	10.81	330	435708	149.01	ng		0.00
45) 2-Fluorobiphenyl	9.33	172	1671762	78.99	ng		-0.01
79) Terphenyl-d14	13.09	244	1742793	69.67	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.94	88	181937	30.425	ng		89
3) Pyridine	3.69	79	513383	38.508	ng	#	87
4) n-Nitrosodimethylamine	3.65	42	235287	43.263	ng	#	98
6) Aniline	6.63	93	553701	31.427	ng	#	54
8) 2-Chlorophenol	6.76	128	474022	40.193	ng		99
9) Benzaldehyde	6.52	77	259218	30.511	ng		99
10) Phenol	6.61	94	570364	40.407	ng	#	61
11) bis(2-Chloroethyl)ether	6.70	93	452504	38.340	ng		92
12) 1,3-Dichlorobenzene	6.91	146	514211	39.762	ng		98
13) 1,4-Dichlorobenzene	6.99	146	516912	39.689	ng		97
14) 1,2-Dichlorobenzene	7.14	146	484185	40.372	ng		99
15) Benzyl Alcohol	7.11	79	409754	40.739	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.24	45	749157	38.673	ng		68
17) 2-Methylphenol	7.21	107	391474	41.164	ng	#	82
18) Hexachloroethane	7.48	117	192010	41.718	ng		94
19) n-Nitroso-di-n-propylamine	7.37	70	321738	38.328	ng		93
20) 3+4-Methylphenols	7.36	107	483528	40.067	ng		95
22) Acetophenone	7.37	105	658705	40.222	ng	#	96
24) Nitrobenzene	7.55	77	494057	43.383	ng		95
25) Isophorone	7.79	82	901878	43.784	ng		98
26) 2-Nitrophenol	7.87	139	237584	50.316	ng		91
27) 2,4-Dimethylphenol	7.90	122	445006	44.853	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	568459	40.212	ng		99
29) 2,4-Dichlorophenol	8.10	162	399203	41.477	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	432220	40.107	ng		97
31) Naphthalene	8.27	128	1385040	42.771	ng		99
32) Benzoic acid	8.01	122	259277	41.942	ng		96
33) 4-Chloroaniline	8.32	127	355420	24.416	ng		97
34) Hexachlorobutadiene	8.39	225	235171	39.574	ng		98
35) Caprolactam	8.69	113	134322m	39.296	ng		
36) 4-Chloro-3-methylphenol	8.80	107	427842	42.137	ng		95
37) 2-Methylnaphthalene	8.97	142	953918	45.492	ng		98
38) 1-Methylnaphthalene	9.07	142	896670	44.130	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	395429	38.013	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	506902	100.960	ng		100
43) 2,4,6-Trichlorophenol	9.24	196	269649	41.456	ng		96
44) 2,4,5-Trichlorophenol	9.28	196	293780	43.517	ng		97
46) 1,1'-Biphenyl	9.43	154	1147459	38.134	ng		99
47) 2-Chloronaphthalene	9.46	162	873027	39.389	ng		99
48) 2-Nitroaniline	9.55	65	277172	48.729	ng		98
49) Acenaphthylene	9.88	152	1392289	43.240	ng		100
50) Dimethylphthalate	9.73	163	1005341	42.039	ng		99
51) 2,6-Dinitrotoluene	9.79	165	224538	49.434	ng		98
52) Acenaphthene	10.05	154	942863	45.994	ng		98
53) 3-Nitroaniline	9.96	138	179724	32.528	ng		96
54) 2,4-Dinitrophenol	10.07	184	177601	117.981	ng	#	81
55) Dibenzofuran	10.22	168	1202761	41.141	ng		97
56) 4-Nitrophenol	10.13	139	547532	129.873	ng		91
57) 2,4-Dinitrotoluene	10.20	165	307819	53.110	ng		93
58) Fluorene	10.56	166	961098	45.160	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	247067	46.178	ng		94
60) Diethylphthalate	10.43	149	989334	41.886	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	449727	40.568	ng		98
62) 4-Nitroaniline	10.59	138	258261	49.379	ng		93
63) Azobenzene	10.72	77	985281	39.930	ng		94
65) 4,6-Dinitro-2-methylphenol	10.61	198	116544	48.518	ng		98
66) n-Nitrosodiphenylamine	10.67	169	851396	38.635	ng		97
67) 4-Bromophenyl-phenylether	11.04	248	278895	38.894	ng		94
68) Hexachlorobenzene	11.11	284	290418	37.980	ng	#	91
69) Atrazine	11.20	200	290375	42.183	ng		98
70) Pentachlorophenol	11.30	266	300784	69.119	ng		99
71) Phenanthrene	11.53	178	1426001	41.630	ng		100
72) Anthracene	11.58	178	1486909	43.176	ng		100
73) Carbazole	11.73	167	1333453	39.398	ng		99
74) Di-n-butylphthalate	12.06	149	1542298	40.832	ng		99
75) Fluoranthene	12.72	202	1503062	43.924	ng		98
77) Benzidine	12.84	184	943499	46.844	ng		97
78) Pyrene	12.95	202	1520018	39.397	ng		99
80) Butylbenzylphthalate	13.56	149	665142	42.642	ng		98
81) Benzo(a)anthracene	14.14	228	1330557	43.001	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	248379	22.897	ng		98
83) Chrysene	14.18	228	1217325	41.332	ng		100
84) Bis(2-ethylhexyl)phthalate	14.11	149	920254	44.836	ng		97
85) Di-n-octyl phthalate	14.73	149	1415334	48.911	ng		98
86) Indeno(1,2,3-cd)pyrene	17.23	276	886297	37.375	ng		95
88) Benzo(b)fluoranthene	15.22	252	1076826	47.645	ng		99
89) Benzo(k)fluoranthene	15.25	252	990845m	44.479	ng		
90) Benzo(a)pyrene	15.61	252	949995	45.702	ng		97
91) Dibenzo(a,h)anthracene	17.25	278	725776	39.398	ng		97
92) Benzo(g,h,i)perylene	17.71	276	721473	38.763	ng		96

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

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