Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
Data File : BF108715.D
Acq On : 1 Sep 2018 3:47
Operator : JU/SJ
Sample : PB112528BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB112528BSD

Manual Integrations APPROVED
Sohil
9/4/2018 3:54:22 PM

Quant Time: Sep 01 05:17:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 30 15:06:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	77500	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	277812	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	115316	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	219458	20.00	ng		0.00
75) Chrysene-d12	14.19	240	209719	20.00	ng		0.00
86) Perylene-d12	15.75	264	153833	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	320099	71.75	ng		0.00
7) Phenol-d6	6.64	99	459226	71.87	ng		-0.01
23) Nitrobenzene-d5	7.57	82	500520	91.45	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	112797	74.10	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	875050	102.03	ng		0.00
78) Terphenyl-d14	13.12	244	877961	81.34	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	68878	33.222	ng		92
3) Pyridine	3.74	79	142200	29.686	ng	#	83
4) n-Nitrosodimethylamine	3.72	42	59916	25.075	ng	#	73
6) Aniline	6.69	93	83527	12.114	ng	#	72
8) 2-Chlorophenol	6.79	128	203176	37.248	ng		93
9) Benzaldehyde	6.65	77	93767m	23.743	ng		
10) Phenol	6.65	94	186899	25.084	ng		83
11) bis(2-Chloroethyl)ether	6.73	93	216013	32.924	ng		95
12) 1,3-Dichlorobenzene	6.94	146	226261	35.776	ng		99
13) 1,4-Dichlorobenzene	7.02	146	265084	38.398	ng		97
14) 1,2-Dichlorobenzene	7.17	146	256263	40.417	ng		98
15) Benzyl Alcohol	7.21	79	106968	23.273	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.26	45	380080	37.761	ng		74
17) 2-Methylphenol	7.25	107	144850	34.155	ng	#	60
18) Hexachloroethane	7.50	117	82291	34.660	ng		97
19) n-Nitroso-di-n-propylamine	7.40	70	151554	35.419	ng		92
20) 3+4-Methylphenols	7.42	107	154397	29.057	ng	#	31
22) Acetophenone	7.41	105	299739	43.219	ng	#	91
24) Nitrobenzene	7.58	77	198987	35.856	ng		90
25) Isophorone	7.81	82	406931	44.757	ng		98
26) 2-Nitrophenol	7.90	139	78014	31.053	ng	#	86
27) 2,4-Dimethylphenol	7.93	122	152193	41.654	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	232238	40.435	ng		98
29) 2,4-Dichlorophenol	8.15	162	147693	34.072	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	190404	39.281	ng		97
31) Naphthalene	8.30	128	587912	44.430	ng		99
32) Benzoic acid	8.03	122	74558m	31.820	ng		
33) 4-Chloroaniline	8.38	127	60703	10.392	ng		94
34) Hexachlorobutadiene	8.41	225	129571	40.711	ng		98
35) Caprolactam	8.72	113	33935	29.380	ng	#	80
36) 4-Chloro-3-methylphenol	8.84	107	148487	31.917	ng		97
37) 2-Methylnaphthalene	9.00	142	356991	39.874	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	187714	45.852	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	29907	22.880	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	87387	36.046	ng		95
43) 2,4,5-Trichlorophenol	9.33	196	104562	36.986	ng		95
45) 1,1'-Biphenyl	9.46	154	444784	44.306	ng		97
46) 2-Chloronaphthalene	9.49	162	328285	41.771	ng		96
47) 2-Nitroaniline	9.60	65	99709	37.933	ng		85
48) Acenaphthylene	9.91	152	501467	43.582	ng		99
49) Dimethylphthalate	9.75	163	378075	41.635	ng		100
50) 2,6-Dinitrotoluene	9.82	165	71024	35.484	ng	#	86
51) Acenaphthene	10.08	154	292025	42.448	ng		98
52) 3-Nitroaniline	10.02	138	71037	32.807	ng		90
53) 2,4-Dinitrophenol	10.16	184	5541m	8.141	ng		
54) Dibenzofuran	10.25	168	419710	38.988	ng		94
55) 4-Nitrophenol	10.24	139	41433m	32.969	ng		
56) 2,4-Dinitrotoluene	10.24	165	89353	33.715	ng	#	79
57) Fluorene	10.60	166	334613	40.109	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	99797	39.405	ng	#	87
59) Diethylphthalate	10.45	149	355169	38.822	ng		97
60) 4-Chlorophenyl-phenylether	10.58	204	175494	37.071	ng		92
61) 4-Nitroaniline	10.66	138	71867	34.299	ng		97
62) Azobenzene	10.74	77	348531	38.328	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	5741	5.896	ng	#	22
65) n-Nitrosodiphenylamine	10.70	169	297531	40.807	ng		97
66) 4-Bromophenyl-phenylether	11.07	248	112054	41.545	ng	#	88
67) Hexachlorobenzene	11.14	284	113674	39.119	ng	#	86
68) Atrazine	11.22	200	84416	40.014	ng		97
69) Pentachlorophenol	11.34	266	74235	48.077	ng		98
70) Phenanthrene	11.57	178	468872	42.328	ng		98
71) Anthracene	11.62	178	557881	47.932	ng		99
72) Carbazole	11.78	167	474024	42.119	ng		99
73) Di-n-butylphthalate	12.08	149	531559	41.052	ng		99
74) Fluoranthene	12.76	202	595418	47.753	ng		94
76) Benzidine	12.90	184	183517	31.087	ng		98
77) Pyrene	12.99	202	600281	38.077	ng		100
79) Butylbenzylphthalate	13.58	149	258782	39.037	ng		95
80) Benzo(a)anthracene	14.18	228	540404	42.269	ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	180948	39.027	ng	#	97
82) Chrysene	14.22	228	536132	43.606	ng		100
83) Bis(2-ethylhexyl)phthalate	14.14	149	360823	42.346	ng	#	99
84) Di-n-octyl phthalate	14.76	149	625307	49.913	ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	360614	42.182	ng	#	89
87) Benzo(b)fluoranthene	15.28	252	409569	43.341	ng	#	96
88) Benzo(k)fluoranthene	15.31	252	429652	45.897	ng	#	96
89) Benzo(a)pyrene	15.69	252	384714	45.049	ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	307015	45.013	ng	#	91
91) Benzo(g,h,i)perylene	17.87	276	289253	43.635	ng	#	88

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

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