Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
Data File : BF106374.D
Acq On : 13 Jun 2018 5:45
Operator : JU/SJ
Sample : J3164-15MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T11-DP-27-5.5-6.0-052418MSD

Manual Integrations APPROVED
Sohil
6/13/2018 4:56:42 PM

Quant Time: Jun 13 07:29:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 11 15:00:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	109187	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	355640	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	150743	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	310625	20.00	ng		0.00
75) Chrysene-d12	14.15	240	302504	20.00	ng		0.00
86) Perylene-d12	15.69	264	220026	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	446314	69.18	ng		0.04
7) Phenol-d6	6.63	99	322066	39.51	ng		0.04
23) Nitrobenzene-d5	7.54	82	675623	111.76	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	272919	188.17	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1047245	163.40	ng		0.00
78) Terphenyl-d14	13.09	244	1292681	106.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	57953	17.358	ng		95
3) Pyridine	3.64	79	61364	6.595	ng		96
4) n-Nitrosodimethylamine	3.57	42	68438	16.057	ng	#	94
6) Aniline	6.65	93	125384	10.535	ng	#	11
8) 2-Chlorophenol	6.78	128	257178	37.071	ng		99
9) Benzaldehyde	6.52	77	159042	25.726	ng		97
10) Phenol	6.65	94	141227	15.872	ng	#	62
11) bis(2-Chloroethyl)ether	6.71	93	348549	45.759	ng		99
12) 1,3-Dichlorobenzene	6.92	146	352009	43.111	ng		97
13) 1,4-Dichlorobenzene	7.00	146	356826	43.065	ng		98
14) 1,2-Dichlorobenzene	7.15	146	326496	41.858	ng		98
15) Benzyl Alcohol	7.11	79	174841	25.049	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	510593	46.762	ng		58
17) 2-Methylphenol	7.25	107	166038	26.825	ng	#	81
18) Hexachloroethane	7.49	117	172996	58.595	ng		90
19) n-Nitroso-di-n-propylamine	7.38	70	238561	39.014	ng		96
20) 3+4-Methylphenols	7.40	107	205374	25.946	ng		93
22) Acetophenone	7.38	105	455543	50.828	ng	#	99
24) Nitrobenzene	7.56	77	364523	55.477	ng		99
25) Isophorone	7.80	82	613845	51.986	ng		100
26) 2-Nitrophenol	7.87	139	151690	59.477	ng		96
27) 2,4-Dimethylphenol	7.92	122	226332	45.277	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	363733	47.507	ng		99
29) 2,4-Dichlorophenol	8.14	162	236581	49.057	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	264220	48.863	ng		95
31) Naphthalene	8.28	128	936606	58.258	ng		99
32) Benzoic acid	8.00	122	18363	11.513	ng	#	1
33) 4-Chloroaniline	8.33	127	163338	22.926	ng		98
34) Hexachlorobutadiene	8.39	225	170202	48.994	ng		100
35) Caprolactam	8.71	113	10242	6.279	ng	#	71
36) 4-Chloro-3-methylphenol	8.82	107	210404	39.441	ng		97
37) 2-Methylnaphthalene	8.97	142	623945	56.982	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	268803	54.930	ng	#	96
40) Hexachlorocyclopentadiene	9.12	237	53176	19.695	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	165753	53.151	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	147974	44.015	ng		92
45) 1,1'-Biphenyl	9.44	154	622895	53.349	ng		98
46) 2-Chloronaphthalene	9.46	162	478893	51.253	ng		99
47) 2-Nitroaniline	9.56	65	155161	52.787	ng		91
48) Acenaphthylene	9.88	152	762138	53.290	ng		99
49) Dimethylphthalate	9.73	163	635982	59.053	ng		99
50) 2,6-Dinitrotoluene	9.80	165	112680	51.220	ng		92
51) Acenaphthene	10.05	154	487947	52.830	ng		100
52) 3-Nitroaniline	9.97	138	93396	35.770	ng		93
53) 2,4-Dinitrophenol	10.07	184	50710	53.415	ng	#	21
54) Dibenzofuran	10.22	168	667613	53.678	ng		98
55) 4-Nitrophenol	10.18	139	62783	31.370	ng		89
56) 2,4-Dinitrotoluene	10.20	165	157193	56.901	ng		94
57) Fluorene	10.57	166	555907	56.414	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.35	232	153932	57.769	ng	#	84
59) Diethylphthalate	10.43	149	539204	50.442	ng	#	94
60) 4-Chlorophenyl-phenylether	10.55	204	256460	49.482	ng		93
61) 4-Nitroaniline	10.58	138	111624	43.940	ng		99
62) Azobenzene	10.71	77	539661	48.416	ng		97
64) 4,6-Dinitro-2-methylphenol	10.61	198	40840	27.471	ng		85
65) n-Nitrosodiphenylamine	10.67	169	474145	45.418	ng		95
66) 4-Bromophenyl-phenylether	11.05	248	174151	49.293	ng	#	82
67) Hexachlorobenzene	11.11	284	182959	50.231	ng	#	89
68) Atrazine	11.20	200	146060	45.400	ng		97
69) Pentachlorophenol	11.32	266	202082	90.116	ng		99
70) Phenanthrene	11.53	178	796678	52.370	ng		99
71) Anthracene	11.58	178	822372	53.961	ng		98
72) Carbazole	11.74	167	754964	53.658	ng		98
73) Di-n-butylphthalate	12.06	149	875671	55.921	ng		100
74) Fluoranthene	12.72	202	968706	59.711	ng		98
76) Benzidine	12.84	184	59169	5.877	ng		99
77) Pyrene	12.95	202	979757	51.733	ng		97
79) Butylbenzylphthalate	13.56	149	445588	62.855	ng		97
80) Benzo(a)anthracene	14.15	228	934321	51.901	ng		97
81) 3,3'-Dichlorobenzidine	14.10	252	210777	34.703	ng		97
82) Chrysene	14.18	228	871589	53.030	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	618063	60.805	ng		99
84) Di-n-octyl phthalate	14.74	149	1020856	69.665	ng		99
85) Indeno(1,2,3-cd)pyrene	17.26	276	658050	50.167	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	737797m	55.472	ng		
88) Benzo(k)fluoranthene	15.27	252	716052	54.361	ng	#	97
89) Benzo(a)pyrene	15.62	252	646496	54.041	ng		98
90) Dibenzo(a,h)anthracene	17.28	278	548847	55.030	ng	#	95
91) Benzo(g,h,i)perylene	17.74	276	536303	55.331	ng	#	93

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

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