Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106437.D
Acq On : 14 Jun 2018 13:03
Operator : JU/SJ
Sample : PB110197BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110197BS

Manual Integrations APPROVED
Sohil
6/15/2018 11:16:43 AM

Quant Time: Jun 14 18:48:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 14 18:39:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	127205	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	476228	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	229379	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	466391	20.00	ng		0.00
75) Chrysene-d12	14.17	240	405230	20.00	ng		0.00
86) Perylene-d12	15.72	264	313517	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	882089	117.36	ng		0.00
7) Phenol-d6	6.62	99	1048720	110.44	ng		0.00
23) Nitrobenzene-d5	7.53	82	736725	91.01	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	337364	152.86	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1247030	103.07	ng		0.00
78) Terphenyl-d14	13.09	244	1414129	86.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	129697	33.344	ng		95
3) Pyridine	3.65	79	384205	35.445	ng		98
4) n-Nitrosodimethylamine	3.61	42	167454	33.722	ng		91
6) Aniline	6.63	93	232031	16.734	ng	#	1
8) 2-Chlorophenol	6.77	128	322181	39.862	ng		100
9) Benzaldehyde	6.52	77	216111	30.005	ng		98
10) Phenol	6.63	94	405960	39.162	ng		78
11) bis(2-Chloroethyl)ether	6.70	93	330034	37.191	ng		96
12) 1,3-Dichlorobenzene	6.91	146	367948	38.680	ng		99
13) 1,4-Dichlorobenzene	6.98	146	370346	38.365	ng		98
14) 1,2-Dichlorobenzene	7.14	146	345941	38.069	ng		100
15) Benzyl Alcohol	7.11	79	299910	36.881	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.24	45	477714	37.554	ng	#	36
17) 2-Methylphenol	7.23	107	274497	38.066	ng	#	90
18) Hexachloroethane	7.48	117	132662	38.569	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	233996	32.847	ng		97
20) 3+4-Methylphenols	7.38	107	364034	39.476	ng		96
22) Acetophenone	7.37	105	454850	37.900	ng	#	98
24) Nitrobenzene	7.55	77	363946	41.364	ng		98
25) Isophorone	7.78	82	653979	41.360	ng		98
26) 2-Nitrophenol	7.87	139	180982	52.993	ng		99
27) 2,4-Dimethylphenol	7.91	122	296659	44.318	ng		100
28) bis(2-Chloroethoxy)methane	7.99	93	413282	40.310	ng		99
29) 2,4-Dichlorophenol	8.12	162	288678	44.702	ng		96
30) 1,2,4-Trichlorobenzene	8.19	180	300459	41.495	ng		94
31) Naphthalene	8.27	128	913707	42.443	ng		99
32) Benzoic acid	8.03	122	180228m	38.250	ng		
33) 4-Chloroaniline	8.32	127	110053	11.536	ng		98
34) Hexachlorobutadiene	8.38	225	190983	41.055	ng		98
35) Caprolactam	8.70	113	96122m	44.005	ng		
36) 4-Chloro-3-methylphenol	8.82	107	303290	42.457	ng		99
37) 2-Methylnaphthalene	8.97	142	627461	42.793	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	314973	42.299	ng		98
40) Hexachlorocyclopentadiene	9.11	237	392960	95.649	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	221687	46.717 ng		97
43) 2,4,5-Trichlorophenol	9.30	196	225553	44.091 ng	#	93
45) 1,1'-Biphenyl	9.42	154	737692	41.521 ng		99
46) 2-Chloronaphthalene	9.45	162	602413	42.370 ng		98
47) 2-Nitroaniline	9.55	65	208517	46.620 ng		97
48) Acenaphthylene	9.87	152	952306	43.759 ng		98
49) Dimethylphthalate	9.72	163	680686	41.536 ng	#	98
50) 2,6-Dinitrotoluene	9.79	165	155079	46.327 ng		96
51) Acenaphthene	10.04	154	554797	39.475 ng		98
52) 3-Nitroaniline	9.96	138	96487	24.285 ng		97
53) 2,4-Dinitrophenol	10.07	184	162210	102.792 ng	#	14
54) Dibenzofuran	10.22	168	814240	43.024 ng		98
55) 4-Nitrophenol	10.15	139	245736	80.692 ng		95
56) 2,4-Dinitrotoluene	10.19	165	212683	50.595 ng	#	97
57) Fluorene	10.56	166	636388	42.442 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	194943	48.080 ng	#	84
59) Diethylphthalate	10.42	149	656752	40.376 ng		95
60) 4-Chlorophenyl-phenylether	10.55	204	320196	40.600 ng		90
61) 4-Nitroaniline	10.58	138	177347	45.879 ng		99
62) Azobenzene	10.71	77	692813	40.848 ng		97
64) 4,6-Dinitro-2-methylphenol	10.60	198	116884	46.660 ng		88
65) n-Nitrosodiphenylamine	10.67	169	597780	38.137 ng		95
66) 4-Bromophenyl-phenylether	11.04	248	217848	41.067 ng	#	81
67) Hexachlorobenzene	11.11	284	230100	42.075 ng	#	86
68) Atrazine	11.19	200	196549	40.689 ng		95
69) Pentachlorophenol	11.31	266	222095	65.963 ng		98
70) Phenanthrene	11.52	178	949369	41.564 ng		98
71) Anthracene	11.58	178	983195	42.967 ng		98
72) Carbazole	11.74	167	894160	42.326 ng		98
73) Di-n-butylphthalate	12.05	149	998704	42.477 ng		100
74) Fluoranthene	12.72	202	1030755	42.316 ng		97
76) Benzidine	12.84	184	328772	24.378 ng		98
77) Pyrene	12.95	202	1097788	43.271 ng		97
79) Butylbenzylphthalate	13.56	149	442898	46.638 ng	#	96
80) Benzo(a)anthracene	14.15	228	1006138	41.723 ng		97
81) 3,3'-Dichlorobenzidine	14.11	252	229299	28.182 ng	#	97
82) Chrysene	14.19	228	934537	42.446 ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	539720	39.638 ng		99
84) Di-n-octyl phthalate	14.78	149	785774	40.029 ng		99
85) Indeno(1,2,3-cd)pyrene	17.29	276	824771	46.938 ng	#	93
87) Benzo(b)fluoranthene	15.27	252	773821m	40.831 ng		
88) Benzo(k)fluoranthene	15.29	252	747381	39.819 ng	#	97
89) Benzo(a)pyrene	15.65	252	729769	42.811 ng		97
90) Dibenzo(a,h)anthracene	17.31	278	675679	47.545 ng		96
91) Benzo(g,h,i)perylene	17.78	276	716595	51.885 ng	#	93

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

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