Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101109.D
Acq On : 4 Dec 2017 20:16
Operator : SJ/JU
Sample : I6645-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MSD

Manual Integrations APPROVED
Sohil
12/5/2017 3:24:48 PM

Quant Time: Dec 05 07:51:45 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	56078	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	214903	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	96952	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	164608	20.00	ng		0.00
75) Chrysene-d12	14.02	240	117238	20.00	ng		0.00
86) Perylene-d12	15.50	264	104718	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	448524	132.17	ng		0.02
7) Phenol-d6	6.50	99	535218	129.90	ng		0.02
23) Nitrobenzene-d5	7.42	82	325657	90.40	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	131091	112.56	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	635528	89.69	ng		0.00
78) Terphenyl-d14	12.96	244	461567	86.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	53539	38.15	ng		97
3) Pyridine	3.45	79	154350	42.43	ng		97
4) n-Nitrosodimethylamine	3.41	42	83826	47.18	ng		85
6) Aniline	6.52	93	134433	25.09	ng		98
8) 2-Chlorophenol	6.64	128	168940	45.66	ng		98
9) Benzaldehyde	6.40	77	72184	28.62	ng		98
10) Phenol	6.51	94	216422	47.24	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	153974	44.81	ng		100
12) 1,3-Dichlorobenzene	6.79	146	193935	45.01	ng		96
13) 1,4-Dichlorobenzene	6.87	146	194273	43.55	ng		96
14) 1,2-Dichlorobenzene	7.02	146	183431	44.09	ng		97
15) Benzyl Alcohol	7.00	79	142431	44.76	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	244230	52.29	ng		98
17) 2-Methylphenol	7.11	107	138337	46.30	ng		95
18) Hexachloroethane	7.36	117	49262	34.37	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	115722	41.70	ng		94
20) 3+4-Methylphenols	7.26	107	175257	44.98	ng	#	73
22) Acetophenone	7.26	105	223430	43.03	ng	#	87
24) Nitrobenzene	7.44	77	169755	48.08	ng		99
25) Isophorone	7.67	82	310841	50.51	ng		100
26) 2-Nitrophenol	7.75	139	84266	43.48	ng		97
27) 2,4-Dimethylphenol	7.79	122	151193	53.92	ng		98
28) bis(2-Chloroethoxy)methane	7.88	93	193502	46.79	ng		98
29) 2,4-Dichlorophenol	8.00	162	148082	48.52	ng		95
30) 1,2,4-Trichlorobenzene	8.07	180	156551	46.65	ng		96
31) Naphthalene	8.16	128	486057	45.89	ng		99
32) Benzoic acid	7.88	122	17347	7.95	ng		97
33) 4-Chloroaniline	8.20	127	57767	13.57	ng		99
34) Hexachlorobutadiene	8.27	225	92524	44.95	ng		99
35) Caprolactam	8.59	113	40811m	42.91	ng		
36) 4-Chloro-3-methylphenol	8.70	107	146258	46.26	ng		99
37) 2-Methylnaphthalene	8.85	142	327890	45.56	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	148731	42.23	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	10516	15.53	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	104720	50.72	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	108952	49.36	ng	#	93
45) 1,1'-Biphenyl	9.31	154	377478	42.50	ng		96
46) 2-Chloronaphthalene	9.34	162	302848	48.01	ng		96
47) 2-Nitroaniline	9.44	65	90003	48.22	ng		98
48) Acenaphthylene	9.76	152	450362	43.44	ng		99
49) Dimethylphthalate	9.62	163	413321	52.86	ng		98
50) 2,6-Dinitrotoluene	9.68	165	73401	44.57	ng		96
51) Acenaphthene	9.93	154	259803	41.85	ng		99
52) 3-Nitroaniline	9.85	138	55808	30.13	ng		92
53) 2,4-Dinitrophenol	9.97	184	4022	9.29	ng	#	12
54) Dibenzofuran	10.10	168	394519	44.10	ng		100
55) 4-Nitrophenol	10.02	139	97222	77.84	ng		95
56) 2,4-Dinitrotoluene	10.09	165	91348	41.39	ng	#	96
57) Fluorene	10.44	166	308588	42.43	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	80178	45.37	ng	#	87
59) Diethylphthalate	10.31	149	342642	44.43	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	154217	42.95	ng		96
61) 4-Nitroaniline	10.47	138	68186	35.47	ng		91
62) Azobenzene	10.59	77	280936	42.92	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	7457	6.75	ng		86
65) n-Nitrosodiphenylamine	10.55	169	287898	49.58	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	92852	50.39	ng	#	83
67) Hexachlorobenzene	10.99	284	90990	46.08	ng	#	85
68) Atrazine	11.07	200	87694	49.23	ng		99
69) Pentachlorophenol	11.19	266	78473	72.27	ng		99
70) Phenanthrene	11.40	178	392735	43.32	ng		99
71) Anthracene	11.46	178	402212	43.84	ng		99
72) Carbazole	11.62	167	348333	41.55	ng		98
73) Di-n-butylphthalate	11.93	149	490182	46.65	ng		99
74) Fluoranthene	12.59	202	355480	35.38	ng		96
76) Benzidine	12.72	184	215697	56.58	ng		97
77) Pyrene	12.83	202	361931	44.74	ng		98
79) Butylbenzylphthalate	13.43	149	160872	45.10	ng	#	89
80) Benzo(a)anthracene	14.02	228	330766	44.68	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	114294	44.58	ng	#	96
82) Chrysene	14.05	228	312238	45.42	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	230817	45.39	ng		99
84) Di-n-octyl phthalate	14.60	149	386979	45.70	ng		98
85) Indeno(1,2,3-cd)pyrene	16.99	276	226243	37.02	ng	#	92
87) Benzo(b)fluoranthene	15.07	252	303167	48.33	ng		96
88) Benzo(k)fluoranthene	15.10	252	289534	46.85	ng	#	96
89) Benzo(a)pyrene	15.44	252	262834	46.09	ng		97
90) Dibenzo(a,h)anthracene	17.00	278	192840	38.36	ng	#	94
91) Benzo(g,h,i)perylene	17.44	276	176316	37.22	ng	#	91

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

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