Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100903.D
Acq On : 27 Nov 2017 20:14
Operator : SJ/JU
Sample : I6289-08MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-112117MSD

Manual Integrations APPROVED
Sohil
11/28/2017 2:45:54 PM

Quant Time: Nov 28 07:08:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	61710	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	238185	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	106533	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	183125	20.00	ng		0.00
75) Chrysene-d12	14.03	240	131711	20.00	ng		0.00
86) Perylene-d12	15.50	264	124301	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	486977	126.50	ng		0.03
7) Phenol-d6	6.50	99	548172	115.47	ng		0.01
23) Nitrobenzene-d5	7.43	82	406897	112.94	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	159945	147.34	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	833793	119.18	ng		0.00
78) Terphenyl-d14	12.97	244	632555	110.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	73342	39.093	ng	#	81
3) Pyridine	3.55	79	132162	25.821	ng		93
4) n-Nitrosodimethylamine	3.50	42	100853	40.584	ng	#	96
6) Aniline	6.53	93	28641	4.271	ng	#	82
8) 2-Chlorophenol	6.65	128	208245	51.133	ng		98
9) Benzaldehyde	6.42	77	60965	17.983	ng		94
10) Phenol	6.52	94	212567	42.654	ng		100
11) bis(2-Chloroethyl)ether	6.60	93	202846	48.459	ng		98
12) 1,3-Dichlorobenzene	6.80	146	238883	50.876	ng		98
13) 1,4-Dichlorobenzene	6.88	146	241282	50.772	ng		97
14) 1,2-Dichlorobenzene	7.03	146	229091	52.138	ng		96
15) Benzyl Alcohol	7.00	79	158405	42.755	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	327432	48.907	ng		96
17) 2-Methylphenol	7.12	107	172742	49.634	ng		98
18) Hexachloroethane	7.37	117	75594	48.244	ng		98
19) n-Nitroso-di-n-propylamine	7.28	70	145511	44.199	ng		96
20) 3+4-Methylphenols	7.27	107	209702	47.615	ng	#	69
22) Acetophenone	7.27	105	279015	48.039	ng	#	93
24) Nitrobenzene	7.45	77	217814	58.741	ng		99
25) Isophorone	7.69	82	391774	51.748	ng		99
26) 2-Nitrophenol	7.76	139	113430	63.312	ng		90
27) 2,4-Dimethylphenol	7.80	122	189143	55.732	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	247411	49.960	ng		100
29) 2,4-Dichlorophenol	8.00	162	187929	58.005	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	195805	55.871	ng		94
31) Naphthalene	8.17	128	621447	54.170	ng		99
32) Benzoic acid	7.93	122	116480	45.441	ng		98
33) 4-Chloroaniline	8.23	127	22190	4.647	ng	#	90
34) Hexachlorobutadiene	8.27	225	116026	55.682	ng		97
35) Caprolactam	8.59	113	43955m	39.533	ng		
36) 4-Chloro-3-methylphenol	8.70	107	181448	52.146	ng		98
37) 2-Methylnaphthalene	8.86	142	420187	55.168	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	195110	55.222	ng	#	97
40) Hexachlorocyclopentadiene	9.00	237	67254	40.444	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	133902	59.797	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	139685	60.208	ng		93
45) 1,1'-Biphenyl	9.32	154	487819	52.943	ng		98
46) 2-Chloronaphthalene	9.35	162	391690	58.597	ng		96
47) 2-Nitroaniline	9.45	65	108066	54.324	ng		98
48) Acenaphthylene	9.76	152	581947	52.533	ng		100
49) Dimethylphthalate	9.62	163	461277	56.710	ng		100
50) 2,6-Dinitrotoluene	9.69	165	98933	61.447	ng		91
51) Acenaphthene	9.93	154	339158	50.341	ng		98
52) 3-Nitroaniline	9.85	138	31503	16.570	ng		90
53) 2,4-Dinitrophenol	9.96	184	37477	60.746	ng	#	12
54) Dibenzofuran	10.10	168	504396	53.417	ng		99
55) 4-Nitrophenol	10.02	139	118817	76.965	ng		94
56) 2,4-Dinitrotoluene	10.09	165	122532	60.326	ng	#	92
57) Fluorene	10.45	166	387253	55.983	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	107758	56.671	ng	#	84
59) Diethylphthalate	10.32	149	436095	53.576	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	191260	56.362	ng		90
61) 4-Nitroaniline	10.47	138	75949	42.129	ng		89
62) Azobenzene	10.60	77	356645	46.520	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	28586	33.966	ng		79
65) n-Nitrosodiphenylamine	10.56	169	343654	53.971	ng		96
66) 4-Bromophenyl-phenylether	10.93	248	118133	60.178	ng	#	88
67) Hexachlorobenzene	11.00	284	116982	56.977	ng	#	83
68) Atrazine	11.09	200	101828	52.831	ng		95
69) Pentachlorophenol	11.19	266	120479	81.835	ng		98
70) Phenanthrene	11.41	178	521881	54.127	ng		98
71) Anthracene	11.46	178	525162	53.686	ng		99
72) Carbazole	11.62	167	438699	48.604	ng		99
73) Di-n-butylphthalate	11.94	149	610851	57.832	ng		99
74) Fluoranthene	12.60	202	492844	48.231	ng		97
76) Benzidine	12.72	184	12082	2.291	ng		99
77) Pyrene	12.83	202	497055	52.941	ng		99
79) Butylbenzylphthalate	13.44	149	215734	56.343	ng		94
80) Benzo(a)anthracene	14.02	228	447475	56.417	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	56968	20.047	ng	#	97
82) Chrysene	14.06	228	422882	55.058	ng		97
83) Bis(2-ethylhexyl)phthalate	13.99	149	297125	59.001	ng		99
84) Di-n-octyl phthalate	14.60	149	495914	57.322	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	325469	52.389	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	406083	55.143	ng		98
88) Benzo(k)fluoranthene	15.10	252	404895	58.190	ng		97
89) Benzo(a)pyrene	15.44	252	366475	56.134	ng		97
90) Dibenzo(a,h)anthracene	16.99	278	275509	51.602	ng	#	95
91) Benzo(g,h,i)perylene	17.43	276	262341	50.195	ng	#	93

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

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