Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084663.D
Acq On : 30 Jan 2016 4:14
Operator : SJ/IZ
Sample : H1261-11MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SCARBOROUGH1516-00(0-4)MSD

Manual Integrations APPROVED
mohammad
2/1/2016 2:24:37 PM

Quant Time: Jan 30 06:02:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	182315	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	709836	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	343042	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	628227	20.00	ng		0.00
75) Chrysene-d12	13.87	240	395550	20.00	ng		0.00
86) Perylene-d12	15.25	264	344105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1070583	88.64	ng		0.02
7) Phenol-d6	6.37	99	1264892	87.38	ng		0.00
23) Nitrobenzene-d5	7.30	82	1204137	94.80	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	446903	124.30	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1934297	83.81	ng		0.00
78) Terphenyl-d14	12.83	244	1912364	109.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	166952	29.64	ng	#	77
3) Pyridine	3.04	79	385797m	25.71	ng		
4) n-Nitrosodimethylamine	2.97	42	254069	34.63	ng		86
6) Aniline	6.38	93	517814	27.87	ng	#	43
8) 2-Chlorophenol	6.51	128	466836	34.85	ng		87
9) Benzaldehyde	6.27	77	19256	2.30	ng		98
10) Phenol	6.38	94	435706	27.01	ng	#	61
11) bis(2-Chloroethyl)ether	6.46	93	536737	42.77	ng	#	81
12) 1,3-Dichlorobenzene	6.67	146	534560	37.24	ng		96
13) 1,4-Dichlorobenzene	6.74	146	541594	38.45	ng		96
14) 1,2-Dichlorobenzene	6.90	146	546958	42.17	ng		98
15) Benzyl Alcohol	6.88	79	440860	44.74	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.01	45	848263	39.50	ng		90
17) 2-Methylphenol	7.00	107	384336	37.01	ng		94
18) Hexachloroethane	7.24	117	219610	39.85	ng	#	88
19) n-Nitroso-di-n-propylamine	7.15	70	387694	43.85	ng	#	74
20) 3+4-Methylphenols	7.15	107	453465	35.98	ng	#	66
22) Acetophenone	7.14	105	777234	41.93	ng	#	99
24) Nitrobenzene	7.31	77	534863	39.62	ng		93
25) Isophorone	7.56	82	1107785	46.55	ng		96
26) 2-Nitrophenol	7.63	139	250806	39.07	ng	#	85
27) 2,4-Dimethylphenol	7.68	122	408069	36.27	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	664067	46.50	ng		98
29) 2,4-Dichlorophenol	7.88	162	397855	40.43	ng		95
30) 1,2,4-Trichlorobenzene	7.95	180	477985	42.48	ng		97
31) Naphthalene	8.03	128	2048641	57.17	ng		99
32) Benzoic acid	7.81	122	283271	32.80	ng		97
33) 4-Chloroaniline	8.09	127	215282	14.77	ng		96
34) Hexachlorobutadiene	8.16	225	282139	42.43	ng		98
35) Caprolactam	8.45	113	102477m	36.29	ng		
36) 4-Chloro-3-methylphenol	8.58	107	430842	39.77	ng		93
37) 2-Methylnaphthalene	8.73	142	1193484	54.26	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	430411	38.69	ng		98
40) Hexachlorocyclopentadiene	8.88	237	456112	90.17	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	271086	39.23	ng		94
43) 2,4,5-Trichlorophenol	9.06	196	292878	41.05	ng		95
45) 1,1'-Biphenyl	9.20	154	1368798	43.54	ng		96
46) 2-Chloronaphthalene	9.22	162	1000136	43.60	ng	#	87
47) 2-Nitroaniline	9.31	65	301657	43.79	ng		98
48) Acenaphthylene	9.63	152	1575483	45.33	ng		98
49) Dimethylphthalate	9.50	163	1273914	49.48	ng	#	90
50) 2,6-Dinitrotoluene	9.56	165	290150	51.22	ng	#	84
51) Acenaphthene	9.80	154	1083555	46.56	ng		99
52) 3-Nitroaniline	9.72	138	155406	26.25	ng		99
53) 2,4-Dinitrophenol	9.84	184	267711	95.77	ng		92
54) Dibenzofuran	9.97	168	1445640	52.05	ng		96
55) 4-Nitrophenol	9.90	139	336543	77.40	ng	#	86
56) 2,4-Dinitrotoluene	9.96	165	345818	46.99	ng	#	88
57) Fluorene	10.32	166	1106723	47.01	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	235172	43.59	ng		91
59) Diethylphthalate	10.20	149	1226572	48.67	ng		97
60) 4-Chlorophenyl-phenylether	10.30	204	444137	42.02	ng		91
61) 4-Nitroaniline	10.34	138	257604	45.98	ng		93
62) Azobenzene	10.46	77	1181121	48.96	ng		89
64) 4,6-Dinitro-2-methylphenol	10.37	198	169910	41.41	ng		74
65) n-Nitrosodiphenylamine	10.43	169	978120	48.02	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	336568	47.57	ng	#	92
67) Hexachlorobenzene	10.85	284	326929	42.48	ng	#	81
68) Atrazine	10.96	200	289030	47.36	ng		97
69) Pentachlorophenol	11.06	266	318023	85.53	ng		99
70) Phenanthrene	11.26	178	1548279	44.57	ng		97
71) Anthracene	11.32	178	1686902	47.76	ng		99
72) Carbazole	11.48	167	1575315	51.75	ng		99
73) Di-n-butylphthalate	11.81	149	1654570	44.69	ng	#	96
74) Fluoranthene	12.45	202	1693816	49.32	ng		96
76) Benzidine	12.58	184	565153	37.57	ng		98
77) Pyrene	12.68	202	1702835	57.08	ng		99
79) Butylbenzylphthalate	13.31	149	752382	59.03	ng	#	93
80) Benzo(a)anthracene	13.86	228	1214810	49.27	ng		98
81) 3,3'-Dichlorobenzidine	13.84	252	281816	32.48	ng		98
82) Chrysene	13.91	228	1225597	50.43	ng		100
83) Bis(2-ethylhexyl)phthalate	13.87	149	915056	55.35	ng		97
84) Di-n-octyl phthalate	14.48	149	1414878	54.16	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.57	276	956293	44.50	ng		100
87) Benzo(b)fluoranthene	14.88	252	1152543m	51.73	ng		
88) Benzo(k)fluoranthene	14.90	252	843442m	45.83	ng		
89) Benzo(a)pyrene	15.20	252	914296	47.43	ng	#	95
90) Dibenzo(a,h)anthracene	16.58	278	791253	45.55	ng		98
91) Benzo(g,h,i)perylene	16.96	276	814734	46.46	ng		98

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

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