Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084225.D
Acq On : 1 Jan 2016 5:15
Operator : UM/SJ
Sample : G4981-02MS
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529MS

Manual Integrations APPROVED
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1/4/2016 4:29:50 PM

Quant Time: Jan 02 03:05:11 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	284954	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1120453	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	491625	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	741193	20.00	ng		0.01
75) Chrysene-d12	14.08	240	496670	20.00	ng		0.01
86) Perylene-d12	15.52	264	557154	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	869713	49.37	ng		0.01
7) Phenol-d6	6.53	99	756968	34.21	ng		0.00
23) Nitrobenzene-d5	7.47	82	1387580	68.92	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	419029	84.42	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2343981	83.78	ng		0.01
78) Terphenyl-d14	13.01	244	1465336	65.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	106481	12.76	ng	#	70
3) Pyridine	3.32	79	312505	13.43	ng	#	67
4) n-Nitrosodimethylamine	3.23	42	183626	15.37	ng	#	73
6) Aniline	6.58	93	532124	16.44	ng	#	82
8) 2-Chlorophenol	6.69	128	521308	26.08	ng		92
9) Benzaldehyde	6.44	77	160878	11.17	ng		90
10) Phenol	6.54	94	340898	13.55	ng		91
11) bis(2-Chloroethyl)ether	6.64	93	652379	33.48	ng	#	82
12) 1,3-Dichlorobenzene	6.84	146	617667	29.96	ng	#	94
13) 1,4-Dichlorobenzene	6.92	146	652513	31.56	ng		96
14) 1,2-Dichlorobenzene	7.07	146	583088	29.45	ng		95
15) Benzyl Alcohol	7.05	79	461895	24.82	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1158224	32.64	ng		84
17) 2-Methylphenol	7.16	107	372803	22.25	ng		93
18) Hexachloroethane	7.42	117	285126	34.48	ng	#	80
19) n-Nitroso-di-n-propylamine	7.32	70	513245	34.27	ng	#	69
20) 3+4-Methylphenols	7.32	107	422663	21.47	ng	#	75
22) Acetophenone	7.31	105	958534	35.58	ng	#	90
24) Nitrobenzene	7.49	77	755595	37.00	ng		89
25) Isophorone	7.73	82	1396469	36.27	ng		99
26) 2-Nitrophenol	7.80	139	294985	31.74	ng	#	70
27) 2,4-Dimethylphenol	7.85	122	525828	27.95	ng		96
28) bis(2-Chloroethoxy)methane	7.94	93	800528	34.04	ng		93
29) 2,4-Dichlorophenol	8.05	162	501209	31.99	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	569329	35.20	ng		96
31) Naphthalene	8.21	128	1846935	36.33	ng		98
32) Benzoic acid	7.96	122	161648	17.87	ng		95
33) 4-Chloroaniline	8.26	127	134399	5.77	ng		95
34) Hexachlorobutadiene	8.34	225	309666	33.30	ng		97
36) 4-Chloro-3-methylphenol	8.75	107	538303	30.67	ng		97
37) 2-Methylnaphthalene	8.91	142	1288844	35.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	513713	36.35	ng	#	95
40) Hexachlorocyclopentadiene	9.06	237	540125	63.31	ng		97
42) 2,4,6-Trichlorophenol	9.18	196	323214	30.57	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	327308	32.29	ng	#	86
45) 1,1'-Biphenyl	9.37	154	1393224	35.66	ng		98
46) 2-Chloronaphthalene	9.39	162	1049863	34.21	ng		98
47) 2-Nitroaniline	9.49	65	394736	38.97	ng		92
48) Acenaphthylene	9.81	152	1749935	38.59	ng		96
49) Dimethylphthalate	9.68	163	1438162	40.92	ng	#	89
50) 2,6-Dinitrotoluene	9.73	165	290995	37.75	ng	#	60
51) Acenaphthene	9.98	154	1242921	40.87	ng		99
52) 3-Nitroaniline	9.90	138	89485	9.37	ng	#	74
53) 2,4-Dinitrophenol	10.01	184	199913	61.73	ng	#	81
54) Dibenzofuran	10.16	168	1532328	38.47	ng		93
55) 4-Nitrophenol	10.08	139	156273	22.54	ng	#	51
56) 2,4-Dinitrotoluene	10.13	165	392759	40.26	ng		97
57) Fluorene	10.50	166	1211434	39.48	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	258661	29.89	ng	#	92
59) Diethylphthalate	10.37	149	1262233	36.42	ng		98
60) 4-Chlorophenyl-phenylether	10.49	204	493914	37.03	ng		88
61) 4-Nitroaniline	10.51	138	139068	16.33	ng		97
62) Azobenzene	10.65	77	1349226	35.50	ng		88
64) 4,6-Dinitro-2-methylphenol	10.53	198	130046	29.33	ng	#	41
65) n-Nitrosodiphenylamine	10.61	169	1014592	42.81	ng		98
66) 4-Bromophenyl-phenylether	10.98	248	322669	40.45	ng	#	79
67) Hexachlorobenzene	11.05	284	357884	39.86	ng	#	88
68) Atrazine	11.17	200	223400	28.81	ng		97
69) Pentachlorophenol	11.24	266	313279	67.29	ng		96
70) Phenanthrene	11.46	178	1546750	39.90	ng		97
71) Anthracene	11.50	178	1464369	38.53	ng		98
72) Carbazole	11.66	167	1157426	31.15	ng		98
73) Di-n-butylphthalate	12.01	149	1635696	40.30	ng		98
74) Fluoranthene	12.65	202	1396908	34.49	ng		96
77) Pyrene	12.88	202	1396251	35.82	ng		99
79) Butylbenzylphthalate	13.51	149	601883	35.69	ng	#	87
80) Benzo(a)anthracene	14.07	228	1104659	37.88	ng		99
82) Chrysene	14.10	228	1083676	38.67	ng		99
83) Bis(2-ethylhexyl)phthalate	14.07	149	797980	37.45	ng	#	93
84) Di-n-octyl phthalate	14.67	149	1426209	39.65	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.95	276	1448221	65.19	ng		99
87) Benzo(b)fluoranthene	15.09	252	1409019m	38.66	ng		
88) Benzo(k)fluoranthene	15.13	252	885512m	29.71	ng		
89) Benzo(a)pyrene	15.46	252	1180786	38.20	ng		99
90) Dibenzo(a,h)anthracene	16.97	278	1184912	44.54	ng		95
91) Benzo(g,h,i)perylene	17.38	276	1242502	45.10	ng		98

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

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