Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084242.D
Acq On : 4 Jan 2016 16:45
Operator : UM/SJ
Sample : G4981-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S8-0529MSD

Manual Integrations APPROVED
Sohil
1/5/2016 1:26:53 PM

Quant Time: Jan 05 06:38:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	305220	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1177598	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	518389	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	766928	20.00	ng		0.00
75) Chrysene-d12	14.07	240	516085	20.00	ng		0.00
86) Perylene-d12	15.51	264	592476	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1023859	54.26	ng		0.01
7) Phenol-d6	6.53	99	867689	36.61	ng		0.00
23) Nitrobenzene-d5	7.46	82	1694785	80.10	ng		-0.01
41) 2,4,6-Tribromophenol	10.74	330	557592	106.54	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2550679	86.68	ng		0.00
78) Terphenyl-d14	13.01	244	1617611	69.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	116295	13.01	ng	#	68
3) Pyridine	3.33	79	298964	12.00	ng	#	70
4) n-Nitrosodimethylamine	3.23	42	208394	16.29	ng		80
6) Aniline	6.58	93	493065	14.22	ng	#	81
8) 2-Chlorophenol	6.68	128	653574	30.53	ng		90
9) Benzaldehyde	6.44	77	128334	8.32	ng	#	25
10) Phenol	6.56	94	369331	13.71	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	774864	37.12	ng	#	79
12) 1,3-Dichlorobenzene	6.83	146	721678m	32.68	ng		
13) 1,4-Dichlorobenzene	6.91	146	770096	34.77	ng		96
14) 1,2-Dichlorobenzene	7.07	146	709295	33.44	ng		95
15) Benzyl Alcohol	7.05	79	493188	24.74	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1375672	36.19	ng		94
17) 2-Methylphenol	7.16	107	434328	24.21	ng	#	88
18) Hexachloroethane	7.40	117	362713	40.96	ng	#	86
19) n-Nitroso-di-n-propylamine	7.32	70	647344	40.35	ng	#	82
20) 3+4-Methylphenols	7.32	107	506031	23.99	ng		88
22) Acetophenone	7.31	105	1303400	46.03	ng		99
24) Nitrobenzene	7.48	77	919006	42.82	ng		96
25) Isophorone	7.72	82	1591428	39.33	ng		96
26) 2-Nitrophenol	7.80	139	421570	43.16	ng		97
27) 2,4-Dimethylphenol	7.85	122	675507	34.17	ng		94
28) bis(2-Chloroethoxy)methane	7.94	93	1055655	42.71	ng		93
29) 2,4-Dichlorophenol	8.04	162	576297	35.00	ng		93
30) 1,2,4-Trichlorobenzene	8.12	180	657223	38.66	ng		96
31) Naphthalene	8.20	128	2126746	39.81	ng		98
32) Benzoic acid	7.97	122	178858	18.48	ng		94
33) 4-Chloroaniline	8.26	127	154600	6.31	ng		97
34) Hexachlorobutadiene	8.33	225	377087	38.59	ng		98
36) 4-Chloro-3-methylphenol	8.75	107	604321	32.76	ng		92
37) 2-Methylnaphthalene	8.90	142	1539962	40.15	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	563501	37.81	ng	#	96
40) Hexachlorocyclopentadiene	9.05	237	604530	67.20	ng		97
42) 2,4,6-Trichlorophenol	9.18	196	406896	36.49	ng		92

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Quant Time: Jan 05 06:38:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	382276	35.77	ng	#	86
45) 1,1'-Biphenyl	9.37	154	1762341	42.78	ng		96
46) 2-Chloronaphthalene	9.39	162	1366840	42.24	ng		91
47) 2-Nitroaniline	9.48	65	427871	40.06	ng		90
48) Acenaphthylene	9.80	152	1797247	37.59	ng	#	96
49) Dimethylphthalate	9.68	163	1638230	44.21	ng	#	91
50) 2,6-Dinitrotoluene	9.73	165	357601	44.00	ng		97
51) Acenaphthene	9.97	154	1334823	41.62	ng		98
52) 3-Nitroaniline	9.90	138	106094	10.53	ng	#	75
53) 2,4-Dinitrophenol	10.00	184	225843	65.88	ng	#	69
54) Dibenzofuran	10.14	168	1583787	37.64	ng	#	88
55) 4-Nitrophenol	10.09	139	171429	23.45	ng	#	40
56) 2,4-Dinitrotoluene	10.13	165	457961	44.52	ng	#	73
57) Fluorene	10.49	166	1218953	37.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	314197	34.43	ng	#	94
59) Diethylphthalate	10.37	149	1446103	39.58	ng		94
60) 4-Chlorophenyl-phenylether	10.49	204	617274	45.66	ng	#	85
61) 4-Nitroaniline	10.51	138	122195	13.61	ng		91
62) Azobenzene	10.64	77	1507099	37.61	ng		84
64) 4,6-Dinitro-2-methylphenol	10.53	198	172589	36.88	ng	#	71
65) n-Nitrosodiphenylamine	10.60	169	1057276	43.12	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	377555	45.74	ng	#	65
67) Hexachlorobenzene	11.04	284	436801	47.01	ng		97
68) Atrazine	11.17	200	192162	23.95	ng		98
69) Pentachlorophenol	11.24	266	387566	80.45	ng		98
70) Phenanthrene	11.45	178	1675367	41.76	ng		96
71) Anthracene	11.50	178	1784236	45.37	ng		98
72) Carbazole	11.66	167	1264789	32.90	ng		98
73) Di-n-butylphthalate	12.00	149	1740976	41.84	ng	#	96
74) Fluoranthene	12.64	202	1422932	33.95	ng		98
77) Pyrene	12.86	202	1385150	34.20	ng		99
79) Butylbenzylphthalate	13.49	149	617398	35.23	ng		88
80) Benzo(a)anthracene	14.05	228	1192777	39.36	ng		98
82) Chrysene	14.09	228	1130455	38.82	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	845406	38.18	ng	#	97
84) Di-n-octyl phthalate	14.66	149	1599838	42.80	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.95	276	1748242	75.74	ng		99
87) Benzo(b)fluoranthene	15.09	252	1355497	34.97	ng	#	95
88) Benzo(k)fluoranthene	15.13	252	1346252m	42.47	ng		
89) Benzo(a)pyrene	15.45	252	1357623	41.30	ng	#	94
90) Dibenzo(a,h)anthracene	16.96	278	1441366	50.95	ng		99
91) Benzo(g,h,i)perylene	17.38	276	1485635	50.72	ng		97

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

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