Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
Data File : BG024174.D
Acq On : 1 Oct 2016 00:29
Operator : UM/SJ
Sample : H4999-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SUP-B044-3-6MSD

Manual Integrations APPROVED
sohil
10/3/2016 6:50:03 PM

Quant Time: Oct 01 04:24:25 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG092316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 15:35:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	54729	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	232473	20.00	ng		-0.01
38) Acenaphthene-d10	14.70	164	174894	20.00	ng		-0.01
63) Phenanthrene-d10	17.47	188	390363	20.00	ng		-0.01
75) Chrysene-d12	21.78	240	447779	20.00	ng		-0.02
86) Perylene-d12	25.10	264	432345	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	446544	141.36	ng		0.00
7) Phenol-d6	7.20	99	630263	118.57	ng		0.00
23) Nitrobenzene-d5	9.21	82	518910	87.98	ng		-0.01
41) 2,4,6-Tribromophenol	16.21	330	288631	114.81	ng		-0.02
44) 2-Fluorobiphenyl	13.32	172	941813	90.52	ng		-0.01
78) Terphenyl-d14	20.08	244	1638944	74.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	59232	48.99	ng	#	88
3) Pyridine	3.85	79	144167	33.74	ng		97
4) n-Nitrosodimethylamine	3.76	42	90633	41.85	ng	#	90
6) Aniline	7.36	93	157843	21.14	ng		98
8) 2-Chlorophenol	7.60	128	158973	42.04	ng		96
9) Benzaldehyde	7.17	77	100086	34.58	ng		91
10) Phenol	7.23	94	223002	39.91	ng		90
11) bis(2-Chloroethyl)ether	7.44	93	183998	41.75	ng		90
12) 1,3-Dichlorobenzene	7.92	146	164032	38.90	ng		96
13) 1,4-Dichlorobenzene	8.07	146	170609	39.64	ng		96
14) 1,2-Dichlorobenzene	8.39	146	165308	39.46	ng		94
15) Benzyl Alcohol	8.29	79	206409	40.12	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	235678	38.73	ng		97
17) 2-Methylphenol	8.50	107	158651	42.70	ng		96
18) Hexachloroethane	9.11	117	69082	38.10	ng		93
19) n-Nitroso-di-n-propylamine	8.84	70	182071	34.87	ng		99
20) 3+4-Methylphenols	8.83	107	217378	40.29	ng		92
22) Acetophenone	8.87	105	299236	44.62	ng	#	95
24) Nitrobenzene	9.26	77	280221	44.32	ng	#	96
25) Isophorone	9.78	82	488808	40.63	ng	#	98
26) 2-Nitrophenol	9.98	139	92826	41.39	ng		95
27) 2,4-Dimethylphenol	10.03	122	165917	44.24	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	267693	45.76	ng		99
29) 2,4-Dichlorophenol	10.53	162	181844	46.59	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	178644	42.77	ng		97
31) Naphthalene	10.91	128	555952	47.21	ng		97
32) Benzoic acid	10.21	122	72642	27.13	ng		90
33) 4-Chloroaniline	11.06	127	34268	6.52	ng	#	85
34) Hexachlorobutadiene	11.19	225	128021	38.93	ng		97
35) Caprolactam	11.83	113	56172m	35.38	ng		
36) 4-Chloro-3-methylphenol	12.18	107	223460	40.69	ng		100
37) 2-Methylnaphthalene	12.52	142	395368	43.84	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	224962	44.06	ng		98
40) Hexachlorocyclopentadiene	12.86	237	210567	84.57	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	147581	44.69	ng		97
43) 2,4,5-Trichlorophenol	13.24	196	165620	48.74	ng		89
45) 1,1'-Biphenyl	13.53	154	554279	46.34	ng		99
46) 2-Chloronaphthalene	13.58	162	425363	47.64	ng		95
47) 2-Nitroaniline	13.81	65	181516	43.68	ng		97
48) Acenaphthylene	14.43	152	688448	45.41	ng		99
49) Dimethylphthalate	14.15	163	612415	45.64	ng		99
50) 2,6-Dinitrotoluene	14.29	165	135688	48.14	ng		89
51) Acenaphthene	14.77	154	442122	48.09	ng		98
52) 3-Nitroaniline	14.63	138	70828	25.16	ng		93
53) 2,4-Dinitrophenol	14.86	184	144895	72.42	ng		89
54) Dibenzofuran	15.11	168	707458	49.42	ng		99
55) 4-Nitrophenol	14.97	139	170794	76.65	ng		90
56) 2,4-Dinitrotoluene	15.09	165	195304	45.54	ng		90
57) Fluorene	15.76	166	587909	47.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	156542m	47.71	ng		
59) Diethylphthalate	15.52	149	651917	45.12	ng		97
60) 4-Chlorophenyl-phenylether	15.74	204	294837	44.17	ng		96
61) 4-Nitroaniline	15.81	138	118899	40.78	ng	#	81
62) Azobenzene	16.04	77	741148	50.49	ng		91
64) 4,6-Dinitro-2-methylphenol	15.86	198	104730	38.63	ng		81
65) n-Nitrosodiphenylamine	15.97	169	521340	48.82	ng		94
66) 4-Bromophenyl-phenylether	16.64	248	204107	45.08	ng		98
67) Hexachlorobenzene	16.77	284	216171	42.37	ng	#	91
68) Atrazine	16.92	200	219679	46.60	ng		97
69) Pentachlorophenol	17.13	266	201477	76.36	ng		98
70) Phenanthrene	17.52	178	1000027	50.29	ng		98
71) Anthracene	17.61	178	1002991	49.11	ng		98
72) Carbazole	17.89	167	928901	48.86	ng		98
73) Di-n-butylphthalate	18.42	149	1144881	46.00	ng		97
74) Fluoranthene	19.53	202	1230041	47.39	ng		95
76) Benzidine	19.73	184	62667	4.94	ng		98
77) Pyrene	19.90	202	1253181	40.08	ng		95
79) Butylbenzylphthalate	20.77	149	524515	45.56	ng		93
80) Benzo(a)anthracene	21.75	228	1225733	48.09	ng		95
81) 3,3'-Dichlorobenzidine	21.67	252	267548	29.28	ng		93
82) Chrysene	21.82	228	1144378	47.76	ng		99
83) Bis(2-ethylhexyl)phthalate	21.63	149	729143	53.01	ng	#	97
84) Di-n-octyl phthalate	22.86	149	1250815	52.70	ng		99
85) Indeno(1,2,3-cd)pyrene	28.92	276	1410981	52.81	ng	#	100
87) Benzo(b)fluoranthene	24.04	252	1233813	49.05	ng	#	99
88) Benzo(k)fluoranthene	24.11	252	1206165	48.28	ng	#	98
89) Benzo(a)pyrene	24.94	252	1187052	48.82	ng	#	98
90) Dibenzo(a,h)anthracene	28.96	278	1157248	47.66	ng	#	96
91) Benzo(g,h,i)perylene	30.10	276	1162832	47.54	ng	#	96

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

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