Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
Data File : BG032079.D
Acq On : 16 Jan 2018 21:08
Operator : SJ/JU
Sample : J1016-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-02-011218MSD

Manual Integrations APPROVED
Sohil
1/17/2018 10:43:12 AM

Quant Time: Jan 17 02:05:52 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 15 10:05:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.76	152	48718	20.00	ng		-0.01
21) Naphthalene-d8	11.65	136	192407	20.00	ng		-0.01
38) Acenaphthene-d10	15.40	164	132990	20.00	ng		0.00
63) Phenanthrene-d10	18.13	188	361606	20.00	ng		0.00
75) Chrysene-d12	22.47	240	432769	20.00	ng		-0.01
86) Perylene-d12	26.18	264	476819	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	384392	144.31	ng		0.00
7) Phenol-d6	7.88	99	444313	132.44	ng		0.00
23) Nitrobenzene-d5	9.97	82	313509	110.24	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	364007	165.41	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	1051564	98.04	ng		0.00
78) Terphenyl-d14	20.67	244	1990561	101.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	36578	35.743	ng	#	75
3) Pyridine	4.32	79	43447	15.905	ng		85
4) n-Nitrosodimethylamine	4.21	42	52061	54.250	ng	#	84
6) Aniline	8.06	93	47624	11.255	ng		94
8) 2-Chlorophenol	8.32	128	137953	46.282	ng	#	80
9) Benzaldehyde	7.87	77	9649	4.964	ng		89
10) Phenol	7.91	94	136958	41.443	ng		96
11) bis(2-Chloroethyl)ether	8.15	93	113982	43.051	ng		84
12) 1,3-Dichlorobenzene	8.65	146	165423m	42.404	ng		
13) 1,4-Dichlorobenzene	8.80	146	168280	42.842	ng		93
14) 1,2-Dichlorobenzene	9.13	146	159952	42.102	ng		96
15) Benzyl Alcohol	9.00	79	115222	47.278	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.29	45	118095	43.890	ng		82
17) 2-Methylphenol	9.20	107	109632	43.409	ng		97
18) Hexachloroethane	9.89	117	55858	46.272	ng	#	85
19) n-Nitroso-di-n-propylamine	9.58	70	92117	44.255	ng	#	89
20) 3+4-Methylphenols	9.53	107	148703	42.502	ng		98
22) Acetophenone	9.61	105	207538	47.486	ng	#	90
24) Nitrobenzene	10.01	77	140091	49.383	ng	#	84
25) Isophorone	10.53	82	257304	48.588	ng	#	85
26) 2-Nitrophenol	10.73	139	84743	50.415	ng	#	84
27) 2,4-Dimethylphenol	10.77	122	141117	52.904	ng		92
28) bis(2-Chloroethoxy)methane	11.01	93	155484	48.732	ng	#	93
29) 2,4-Dichlorophenol	11.28	162	170306	51.888	ng		89
30) 1,2,4-Trichlorobenzene	11.50	180	191100	45.083	ng		97
31) Naphthalene	11.70	128	496282	52.068	ng		99
32) Benzoic acid	10.91	122	120341	55.337	ng	#	81
33) 4-Chloroaniline	11.79	127	29789	7.288	ng		96
34) Hexachlorobutadiene	11.97	225	136804	44.934	ng		95
35) Caprolactam	12.55	113	42279	42.460	ng	#	44
36) 4-Chloro-3-methylphenol	12.86	107	158158	52.645	ng	#	84
37) 2-Methylnaphthalene	13.26	142	361480	47.769	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	266292	45.936	ng	#	96
40) Hexachlorocyclopentadiene	13.59	237	327907	100.428	ng		93

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42) 2,4,6-Trichlorophenol	13.84	196	165340	50.761	ng		98
43) 2,4,5-Trichlorophenol	13.92	196	181550	48.154	ng	#	93
45) 1,1'-Biphenyl	14.24	154	512121	44.919	ng		95
46) 2-Chloronaphthalene	14.29	162	391627	44.156	ng		97
47) 2-Nitroaniline	14.48	65	91728	54.024	ng	#	73
48) Acenaphthylene	15.13	152	592989	43.906	ng		98
49) Dimethylphthalate	14.83	163	538634	46.283	ng		99
50) 2,6-Dinitrotoluene	14.96	165	122509	50.716	ng	#	72
51) Acenaphthene	15.46	154	444106	49.728	ng		98
52) 3-Nitroaniline	15.28	138	35827	16.421	ng	#	61
53) 2,4-Dinitrophenol	15.48	184	115665	94.108	ng	#	77
54) Dibenzofuran	15.79	168	640163	48.052	ng		99
55) 4-Nitrophenol	15.57	139	162763	102.369	ng	#	82
56) 2,4-Dinitrotoluene	15.73	165	176868	54.385	ng	#	68
57) Fluorene	16.44	166	518763	47.478	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.01	232	196417	56.316	ng	#	86
59) Diethylphthalate	16.17	149	542991	48.128	ng		96
60) 4-Chlorophenyl-phenylether	16.41	204	323635	48.285	ng		93
61) 4-Nitroaniline	16.44	138	87394	41.758	ng		90
62) Azobenzene	16.71	77	347059	49.147	ng		87
64) 4,6-Dinitro-2-methylphenol	16.49	198	94975	41.743	ng	#	71
65) n-Nitrosodiphenylamine	16.62	169	483152	44.032	ng		98
66) 4-Bromophenyl-phenylether	17.31	248	236568	45.980	ng		95
67) Hexachlorobenzene	17.44	284	238671	41.930	ng	#	90
68) Atrazine	17.55	200	205303	44.491	ng		98
69) Pentachlorophenol	17.77	266	342386	94.105	ng		98
70) Phenanthrene	18.18	178	919906	45.692	ng		99
71) Anthracene	18.26	178	924552	46.043	ng		98
72) Carbazole	18.52	167	802987	46.098	ng		100
73) Di-n-butylphthalate	19.03	149	926346	45.004	ng		99
74) Fluoranthene	20.14	202	1188651	47.155	ng		96
76) Benzidine	20.30	184	101201	9.351	ng		99
77) Pyrene	20.49	202	1202247	44.191	ng		98
79) Butylbenzylphthalate	21.35	149	430447	44.160	ng	#	76
80) Benzo(a)anthracene	22.45	228	1244834	46.252	ng		99
81) 3,3'-Dichlorobenzidine	22.34	252	211316	21.018	ng	#	98
82) Chrysene	22.52	228	1169790	45.257	ng		98
83) Bis(2-ethylhexyl)phthalate	22.29	149	610207	42.691	ng	#	99
84) Di-n-octyl phthalate	23.67	149	1040518	45.834	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.50	276	1505018	47.579	ng	#	87
87) Benzo(b)fluoranthene	25.00	252	1325382	45.987	ng	#	97
88) Benzo(k)fluoranthene	25.07	252	1283639	45.579	ng	#	95
89) Benzo(a)pyrene	26.01	252	1273836	46.723	ng	#	97
90) Dibenzo(a,h)anthracene	30.58	278	1222526	46.533	ng	#	94
91) Benzo(g,h,i)perylene	31.86	276	1260203	46.930	ng	#	93

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

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