Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
Data File : BG032669.D
Acq On : 13 Feb 2018 20:28
Operator : SJ/JU
Sample : J1397-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-01-021218-AMSD

Manual Integrations APPROVED
Sohil
2/14/2018 10:31:12 AM

Quant Time: Feb 14 03:30:20 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	37504	20.00	ng		0.00
21) Naphthalene-d8	11.55	136	161027	20.00	ng		0.00
38) Acenaphthene-d10	15.31	164	114098	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	288311	20.00	ng		0.00
75) Chrysene-d12	22.37	240	348381	20.00	ng		0.00
86) Perylene-d12	26.02	264	366522	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	288207	154.18	ng		0.00
7) Phenol-d6	7.80	99	330835	129.43	ng		0.00
23) Nitrobenzene-d5	9.87	82	261140	103.07	ng		0.00
41) 2,4,6-Tribromophenol	16.79	330	256003	145.72	ng		0.00
44) 2-Fluorobiphenyl	13.93	172	850908	93.26	ng		0.00
78) Terphenyl-d14	20.59	244	1551369	101.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.79	88	29046	37.145	ng	#	77
3) Pyridine	4.25	79	65954	32.883	ng		87
4) n-Nitrosodimethylamine	4.15	42	49449	52.468	ng	#	69
6) Aniline	7.97	93	34935	11.564	ng		97
8) 2-Chlorophenol	8.22	128	118385	55.076	ng		86
9) Benzaldehyde	7.78	77	22272m	14.744	ng		
10) Phenol	7.82	94	112634	45.309	ng		90
11) bis(2-Chloroethyl)ether	8.06	93	87611	43.961	ng	#	80
12) 1,3-Dichlorobenzene	8.55	146	136672	45.083	ng		97
13) 1,4-Dichlorobenzene	8.71	146	135279	45.167	ng		93
14) 1,2-Dichlorobenzene	9.03	146	136563	45.207	ng		95
15) Benzyl Alcohol	8.91	79	97634	50.962	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.20	45	98544	45.944	ng		77
17) 2-Methylphenol	9.12	107	82449	46.832	ng	#	93
18) Hexachloroethane	9.79	117	49266	45.049	ng	#	86
19) n-Nitroso-di-n-propylamine	9.49	70	80373	46.773	ng	#	92
20) 3+4-Methylphenols	9.45	107	118054	44.367	ng		90
22) Acetophenone	9.51	105	164553	48.049	ng	#	94
24) Nitrobenzene	9.92	77	121936	45.965	ng		89
25) Isophorone	10.43	82	228368	47.275	ng	#	83
26) 2-Nitrophenol	10.64	139	69573	49.035	ng	#	85
27) 2,4-Dimethylphenol	10.67	122	108367	58.134	ng		95
28) bis(2-Chloroethoxy)methane	10.91	93	120806	48.921	ng		98
29) 2,4-Dichlorophenol	11.18	162	140071	51.340	ng		91
30) 1,2,4-Trichlorobenzene	11.40	180	164333	42.964	ng		96
31) Naphthalene	11.60	128	369876	47.305	ng		99
32) Benzoic acid	10.77	122	6567	8.378	ng	#	43
33) 4-Chloroaniline	11.71	127	14381	4.635	ng		95
34) Hexachlorobutadiene	11.87	225	129345	41.262	ng		95
35) Caprolactam	12.45	113	25538	32.962	ng	#	61
36) 4-Chloro-3-methylphenol	12.78	107	131527	53.595	ng		87
37) 2-Methylnaphthalene	13.17	142	301674	47.566	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	241372	44.790	ng		96
40) Hexachlorocyclopentadiene	13.49	237	303776	89.075	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	137110	50.976	ng		99
43) 2,4,5-Trichlorophenol	13.83	196	152764	45.575	ng	#	93
45) 1,1'-Biphenyl	14.15	154	428260	45.617	ng		97
46) 2-Chloronaphthalene	14.20	162	333057	44.832	ng		96
47) 2-Nitroaniline	14.39	65	77074	47.695	ng		88
48) Acenaphthylene	15.03	152	492651	45.075	ng		99
49) Dimethylphthalate	14.74	163	447380	45.361	ng		100
50) 2,6-Dinitrotoluene	14.87	165	99433	48.953	ng	#	79
51) Acenaphthene	15.37	154	324815	43.517	ng		98
52) 3-Nitroaniline	15.21	138	22818	12.721	ng	#	91
53) 2,4-Dinitrophenol	15.42	184	16059	24.017	ng	#	84
54) Dibenzofuran	15.70	168	527056	47.461	ng		97
55) 4-Nitrophenol	15.50	139	102046	76.934	ng	#	78
56) 2,4-Dinitrotoluene	15.65	165	135797	48.521	ng	#	74
57) Fluorene	16.35	166	423708	46.395	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.92	232	158385	50.189	ng	#	83
59) Diethylphthalate	16.09	149	435549	45.386	ng		97
60) 4-Chlorophenyl-phenylether	16.33	204	276928	45.927	ng		93
61) 4-Nitroaniline	16.37	138	65469	35.402	ng		81
62) Azobenzene	16.62	77	286809	46.518	ng		87
64) 4,6-Dinitro-2-methylphenol	16.41	198	26585	16.374	ng		79
65) n-Nitrosodiphenylamine	16.54	169	384343	45.454	ng		99
66) 4-Bromophenyl-phenylether	17.22	248	194268	47.082	ng		95
67) Hexachlorobenzene	17.35	284	197113	44.478	ng	#	89
68) Atrazine	17.47	200	174518	48.120	ng		97
69) Pentachlorophenol	17.69	266	136765	50.410	ng		97
70) Phenanthrene	18.09	178	709174	45.790	ng		100
71) Anthracene	18.18	178	746186	47.087	ng		99
72) Carbazole	18.44	167	612275	45.316	ng		98
73) Di-n-butylphthalate	18.95	149	695485	45.717	ng	#	98
74) Fluoranthene	20.06	202	939331	45.431	ng		95
76) Benzidine	20.23	184	100897	12.299	ng		98
77) Pyrene	20.42	202	951493	45.908	ng		99
79) Butylbenzylphthalate	21.27	149	324831	47.576	ng	#	78
80) Benzo(a)anthracene	22.35	228	1005262	46.086	ng		99
81) 3,3'-Dichlorobenzidine	22.24	252	88693	10.888	ng	#	96
82) Chrysene	22.43	228	948589	44.104	ng		99
83) Bis(2-ethylhexyl)phthalate	22.19	149	442226	44.916	ng	#	97
84) Di-n-octyl phthalate	23.55	149	768160	49.728	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.25	276	1212406	47.584	ng	#	87
87) Benzo(b)fluoranthene	24.85	252	1020102	46.702	ng	#	95
88) Benzo(k)fluoranthene	24.93	252	1050784	46.483	ng	#	96
89) Benzo(a)pyrene	25.85	252	1026466	48.237	ng	#	95
90) Dibenzo(a,h)anthracene	30.32	278	1011158	47.730	ng	#	92
91) Benzo(g,h,i)perylene	31.58	276	995913	48.631	ng	#	91

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

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