Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034958.D
Acq On : 7 Jun 2018 18:44
Operator : SJ/JU
Sample : J3241-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-060518-AMSD

Manual Integrations APPROVED
Sohil

Quant Time: Jun 08 04:49:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

6/8/2018 4:44:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40277	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	154113	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	104802	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	277918	20.00	ng		0.00
75) Chrysene-d12	21.73	240	290836	20.00	ng		0.00
86) Perylene-d12	24.97	264	282080	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	330307	138.40	ng		0.00
7) Phenol-d6	7.24	99	466333	132.39	ng		0.00
23) Nitrobenzene-d5	9.25	82	335090	103.35	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	214164	159.63	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	732546	90.87	ng		0.00
78) Terphenyl-d14	20.06	244	1316331	94.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	41661	36.586	ng	#	73
3) Pyridine	3.97	79	95742	31.162	ng	#	76
4) n-Nitrosodimethylamine	3.88	42	53395	40.453	ng	#	86
6) Aniline	7.41	93	54437	11.956	ng		99
8) 2-Chlorophenol	7.65	128	113024	45.179	ng		98
9) Benzaldehyde	7.22	77	32618	12.022	ng		98
10) Phenol	7.26	94	154570	42.401	ng		91
11) bis(2-Chloroethyl)ether	7.50	93	116694	41.243	ng		91
12) 1,3-Dichlorobenzene	7.97	146	132025	44.231	ng		94
13) 1,4-Dichlorobenzene	8.12	146	130749	42.433	ng		99
14) 1,2-Dichlorobenzene	8.44	146	124729	43.095	ng		92
15) Benzyl Alcohol	8.32	79	149145	44.684	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.61	45	140831	50.009	ng		78
17) 2-Methylphenol	8.51	107	114832	47.779	ng	#	87
18) Hexachloroethane	9.16	117	49216	44.615	ng		99
19) n-Nitroso-di-n-propylamine	8.89	70	118113	39.468	ng	#	86
20) 3+4-Methylphenols	8.84	107	155835	45.236	ng		89
22) Acetophenone	8.91	105	207593	43.485	ng	#	92
24) Nitrobenzene	9.29	77	169154	50.950	ng		93
25) Isophorone	9.81	82	332343	48.551	ng		98
26) 2-Nitrophenol	9.99	139	61235	53.510	ng	#	89
27) 2,4-Dimethylphenol	10.05	122	126143	52.442	ng		92
28) bis(2-Chloroethoxy)methane	10.29	93	170658	46.394	ng		96
29) 2,4-Dichlorophenol	10.53	162	135323	51.703	ng		94
30) 1,2,4-Trichlorobenzene	10.75	180	145213	46.270	ng		98
31) Naphthalene	10.94	128	368754	46.060	ng		99
32) Benzoic acid	10.18	122	74176	46.039	ng		91
34) Hexachlorobutadiene	11.23	225	115148	47.177	ng		98
35) Caprolactam	11.81	113	38737m	40.047	ng		
36) 4-Chloro-3-methylphenol	12.15	107	164647	50.465	ng		96
37) 2-Methylnaphthalene	12.54	142	290466	47.854	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	203423	52.111	ng		99
40) Hexachlorocyclopentadiene	12.89	237	267597	109.314	ng		91
42) 2,4,6-Trichlorophenol	13.14	196	118655m	50.763	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.21	196	130591	50.902	ng		97
45) 1,1'-Biphenyl	13.55	154	399358	47.389	ng		98
46) 2-Chloronaphthalene	13.58	162	314383	49.343	ng		98
47) 2-Nitroaniline	13.78	65	100063	53.184	ng		97
48) Acenaphthylene	14.43	152	515414	48.244	ng		96
49) Dimethylphthalate	14.16	163	416367	45.559	ng	#	98
50) 2,6-Dinitrotoluene	14.27	165	90211	54.107	ng		93
51) Acenaphthene	14.77	154	326801	46.817	ng		96
52) 3-Nitroaniline	14.60	138	11408	6.973	ng	#	84
53) 2,4-Dinitrophenol	14.80	184	95667	141.780	ng	#	70
54) Dibenzofuran	15.10	168	516815	49.435	ng	#	90
55) 4-Nitrophenol	14.90	139	138266	100.138	ng	#	82
56) 2,4-Dinitrotoluene	15.06	165	132790	59.956	ng		95
57) Fluorene	15.75	166	431323	49.367	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.32	232	139621	56.021	ng		96
59) Diethylphthalate	15.53	149	425751	45.661	ng		97
60) 4-Chlorophenyl-phenylether	15.74	204	255523	51.288	ng		96
61) 4-Nitroaniline	15.76	138	72235	41.170	ng	#	84
62) Azobenzene	16.04	77	460544	50.404	ng		94
64) 4,6-Dinitro-2-methylphenol	15.82	198	73074	57.589	ng		91
65) n-Nitrosodiphenylamine	15.96	169	354263	42.446	ng		99
66) 4-Bromophenyl-phenylether	16.64	248	187274	55.956	ng		94
67) Hexachlorobenzene	16.75	284	237073	69.595	ng		98
68) Atrazine	16.91	200	112003	31.469	ng		93
69) Pentachlorophenol	17.09	266	221587	96.737	ng		99
70) Phenanthrene	17.49	178	789612	55.931	ng		99
71) Anthracene	17.58	178	875009	61.875	ng		98
72) Carbazole	17.85	167	637376	48.577	ng		98
73) Di-n-butylphthalate	18.42	149	866505	55.407	ng	#	97
74) Fluoranthene	19.50	202	1203210	65.496	ng		96
77) Pyrene	19.86	202	1207372	62.972	ng		96
79) Butylbenzylphthalate	20.75	149	440479	63.268	ng		95
80) Benzo(a)anthracene	21.71	228	1360298	73.192	ng		98
81) 3,3'-Dichlorobenzidine	21.62	252	41737	5.969	ng	#	98
82) Chrysene	21.78	228	1293404	76.010	ng		97
83) Bis(2-ethylhexyl)phthalate	21.64	149	736544	74.871	ng		99
84) Di-n-octyl phthalate	22.87	149	1260172	74.667	ng		96
85) Indeno(1,2,3-cd)pyrene	28.70	276	1545048	77.527	ng	#	87
87) Benzo(b)fluoranthene	23.95	252	1394611	80.283	ng	#	97
88) Benzo(k)fluoranthene	24.03	252	1297892	76.379	ng	#	97
89) Benzo(a)pyrene	24.83	252	1255169	76.789	ng	#	96
90) Dibenzo(a,h)anthracene	28.78	278	1278201	79.214	ng	#	95
91) Benzo(g,h,i)perylene	29.86	276	1259883	79.783	ng	#	94

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

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