Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
Data File : BG033800.D
Acq On : 13 Apr 2018 17:27
Operator : SJ/JU
Sample : J2163-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PL-01-041118-AMSD

Manual Integrations APPROVED
Sohil
4/16/2018 3:14:21 PM

Quant Time: Apr 14 01:35:52 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	27141	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	128772	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	110741	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	298578	20.00	ng		0.00
75) Chrysene-d12	22.55	240	305904	20.00	ng		0.00
86) Perylene-d12	26.32	264	323440	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	211842	146.36	ng		0.01
7) Phenol-d6	7.99	99	308359	123.99	ng		0.02
23) Nitrobenzene-d5	10.06	82	246002	87.77	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	215480	130.10	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	612367	79.83	ng		0.00
78) Terphenyl-d14	20.72	244	1277383	89.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	29678	40.375	ng	#	79
3) Pyridine	4.40	79	52592	25.882	ng		87
4) n-Nitrosodimethylamine	4.30	42	30481	36.553	ng	#	73
6) Aniline	8.16	93	45822	15.667	ng	#	82
8) 2-Chlorophenol	8.41	128	89123	53.860	ng		92
9) Benzaldehyde	7.96	77	15990	10.117	ng		94
10) Phenol	8.02	94	104890	42.718	ng		90
11) bis(2-Chloroethyl)ether	8.23	93	96203	48.001	ng		93
12) 1,3-Dichlorobenzene	8.73	146	97114m	44.890	ng		
13) 1,4-Dichlorobenzene	8.89	146	92762	42.815	ng		97
14) 1,2-Dichlorobenzene	9.22	146	101511	48.005	ng		97
15) Benzyl Alcohol	9.10	79	79564	40.634	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.37	45	173920	53.231	ng		81
17) 2-Methylphenol	9.32	107	77159	46.128	ng	#	89
18) Hexachloroethane	9.96	117	38709	46.291	ng		91
19) n-Nitroso-di-n-propylamine	9.66	70	94241	51.714	ng	#	97
20) 3+4-Methylphenols	9.64	107	115404	48.456	ng		90
22) Acetophenone	9.70	105	157941	44.769	ng	#	92
24) Nitrobenzene	10.10	77	129450	43.150	ng		95
25) Isophorone	10.61	82	249894	45.938	ng		98
26) 2-Nitrophenol	10.82	139	54264	47.776	ng	#	87
27) 2,4-Dimethylphenol	10.87	122	82021	49.711	ng		90
28) bis(2-Chloroethoxy)methane	11.10	93	124035	45.699	ng		93
29) 2,4-Dichlorophenol	11.39	162	104958	51.725	ng		96
30) 1,2,4-Trichlorobenzene	11.58	180	113908	43.207	ng		97
31) Naphthalene	11.78	128	301668	45.207	ng		99
32) Benzoic acid	11.02	122	37729	24.598	ng	#	82
33) 4-Chloroaniline	11.79	127	42127	14.091	ng	#	40
34) Hexachlorobutadiene	12.04	225	83782	42.024	ng		95
35) Caprolactam	12.64	113	31284	39.354	ng	#	89
36) 4-Chloro-3-methylphenol	12.98	107	142091	53.690	ng		90
37) 2-Methylnaphthalene	13.33	142	218829	42.250	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	150101	37.419	ng		99
40) Hexachlorocyclopentadiene	13.66	237	156262	66.451	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	107014	45.917	ng		94
43) 2,4,5-Trichlorophenol	14.01	196	114751	41.656	ng		96
45) 1,1'-Biphenyl	14.31	154	343885	40.419	ng		97
46) 2-Chloronaphthalene	14.37	162	268872	40.986	ng		98
47) 2-Nitroaniline	14.57	65	104824	42.662	ng		97
48) Acenaphthylene	15.20	152	454409	41.498	ng		99
49) Dimethylphthalate	14.90	163	417852	43.357	ng		98
50) 2,6-Dinitrotoluene	15.03	165	91066	46.212	ng	#	87
51) Acenaphthene	15.53	154	271429	38.452	ng		95
52) 3-Nitroaniline	15.40	138	12952	6.269	ng	#	81
53) 2,4-Dinitrophenol	15.58	184	87048	84.794	ng	#	72
54) Dibenzofuran	15.87	168	457856	43.912	ng		94
55) 4-Nitrophenol	15.70	139	111678	76.874	ng		88
56) 2,4-Dinitrotoluene	15.82	165	135025	46.536	ng		95
57) Fluorene	16.51	166	367886	41.415	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.08	232	117761	45.408	ng		97
59) Diethylphthalate	16.24	149	431343	46.092	ng		97
60) 4-Chlorophenyl-phenylether	16.48	204	226434	44.344	ng		97
61) 4-Nitroaniline	16.55	138	44522m	21.281	ng		
62) Azobenzene	16.77	77	414890	45.767	ng		97
64) 4,6-Dinitro-2-methylphenol	16.58	198	81263	45.495	ng		93
65) n-Nitrosodiphenylamine	16.70	169	362927	42.577	ng		95
66) 4-Bromophenyl-phenylether	17.37	248	151412	43.180	ng		92
67) Hexachlorobenzene	17.50	284	155857	42.116	ng		98
68) Atrazine	17.62	200	113951	32.990	ng		97
69) Pentachlorophenol	17.85	266	206618	81.347	ng		96
70) Phenanthrene	18.25	178	644901	41.473	ng		99
71) Anthracene	18.33	178	642316	40.796	ng		99
72) Carbazole	18.60	167	636171	45.597	ng		98
73) Di-n-butylphthalate	19.09	149	751204	46.258	ng	#	98
74) Fluoranthene	20.20	202	801831	41.669	ng		97
77) Pyrene	20.56	202	830962	40.729	ng		99
79) Butylbenzylphthalate	21.41	149	336383	44.680	ng		96
80) Benzo(a)anthracene	22.53	228	790081	40.561	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	44605	6.435	ng	#	98
82) Chrysene	22.61	228	777712	41.246	ng		99
83) Bis(2-ethylhexyl)phthalate	22.34	149	475578	45.823	ng		98
84) Di-n-octyl phthalate	23.73	149	800567	50.380	ng		99
85) Indeno(1,2,3-cd)pyrene	30.68	276	863751	42.369	ng	#	81
87) Benzo(b)fluoranthene	25.10	252	754257	40.363	ng	#	95
88) Benzo(k)fluoranthene	25.19	252	781274	41.339	ng	#	98
89) Benzo(a)pyrene	26.14	252	735542	40.988	ng	#	97
90) Dibenzo(a,h)anthracene	30.77	278	720384	42.617	ng		98
91) Benzo(g,h,i)perylene	32.08	276	682995	40.803	ng	#	94

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

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