Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033419.D
Acq On : 29 Mar 2018 13:35
Operator : SJ/JU
Sample : J1754-14MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-032718-BMS

Manual Integrations APPROVED
Sohil
3/29/2018 5:39:25 PM

Quant Time: Mar 29 16:03:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	44053	20.00	ng		-0.01
21) Naphthalene-d8	11.75	136	182071	20.00	ng		0.00
38) Acenaphthene-d10	15.49	164	131780	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	326735	20.00	ng		0.00
75) Chrysene-d12	22.56	240	334359	20.00	ng		0.00
86) Perylene-d12	26.33	264	365734	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	354136	150.74	ng		0.00
7) Phenol-d6	7.99	99	495825	122.83	ng		0.01
23) Nitrobenzene-d5	10.07	82	375831	94.84	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	279541	141.83	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	886245	97.09	ng		0.00
78) Terphenyl-d14	20.74	244	1509970	96.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	41490	34.775	ng	#	87
3) Pyridine	4.41	79	91023	27.599	ng		93
4) n-Nitrosodimethylamine	4.31	42	66686	49.270	ng	#	83
6) Aniline	8.17	93	28368	5.976	ng		94
8) 2-Chlorophenol	8.42	128	136180	50.704	ng		97
9) Benzaldehyde	7.97	77	62361m	24.309	ng		
10) Phenol	8.02	94	164535	41.284	ng		95
11) bis(2-Chloroethyl)ether	8.25	93	132948	40.869	ng		99
12) 1,3-Dichlorobenzene	8.75	146	143273	40.802	ng		99
13) 1,4-Dichlorobenzene	8.90	146	139645	39.710	ng		93
14) 1,2-Dichlorobenzene	9.23	146	138748	40.425	ng		93
15) Benzyl Alcohol	9.11	79	145763	45.864	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.38	45	220987	41.671	ng		89
17) 2-Methylphenol	9.31	107	116061	42.748	ng	#	91
18) Hexachloroethane	9.98	117	57645	42.472	ng		96
19) n-Nitroso-di-n-propylamine	9.68	70	125998	42.597	ng		96
20) 3+4-Methylphenols	9.64	107	173056	44.768	ng		93
22) Acetophenone	9.71	105	225628	45.233	ng	#	98
24) Nitrobenzene	10.11	77	192252	45.324	ng		93
25) Isophorone	10.63	82	360002	46.806	ng		97
26) 2-Nitrophenol	10.83	139	76889	47.879	ng	#	90
27) 2,4-Dimethylphenol	10.88	122	135171	57.941	ng		90
28) bis(2-Chloroethoxy)methane	11.11	93	185649	48.377	ng		95
29) 2,4-Dichlorophenol	11.39	162	152834	53.271	ng		98
30) 1,2,4-Trichlorobenzene	11.60	180	159416	42.767	ng		97
31) Naphthalene	11.80	128	423329	44.868	ng		98
32) Benzoic acid	10.99	122	26244m	12.101	ng		
33) 4-Chloroaniline	11.91	127	14520	3.435	ng		92
34) Hexachlorobutadiene	12.06	225	122506	43.460	ng		97
35) Caprolactam	12.65	113	39228	34.901	ng		93
36) 4-Chloro-3-methylphenol	12.97	107	185522	49.579	ng		95
37) 2-Methylnaphthalene	13.35	142	324475	44.308	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	216859	45.430	ng		98
40) Hexachlorocyclopentadiene	13.68	237	220377	78.754	ng		88

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	140335	50.601	ng		92
43) 2,4,5-Trichlorophenol	14.01	196	157814	48.142	ng		99
45) 1,1'-Biphenyl	14.32	154	464561	45.886	ng		97
46) 2-Chloronaphthalene	14.38	162	355012	45.477	ng		98
47) 2-Nitroaniline	14.57	65	139212	47.611	ng		92
48) Acenaphthylene	15.22	152	575576	44.172	ng		97
49) Dimethylphthalate	14.91	163	511348	44.587	ng		99
50) 2,6-Dinitrotoluene	15.04	165	108898	46.439	ng		93
51) Acenaphthene	15.55	154	362041	43.101	ng		92
52) 3-Nitroaniline	15.38	138	23767	9.667	ng	#	87
53) 2,4-Dinitrophenol	15.59	184	24683	26.027	ng	#	75
54) Dibenzofuran	15.88	168	575688	46.398	ng		93
55) 4-Nitrophenol	15.68	139	126692	73.286	ng	#	88
56) 2,4-Dinitrotoluene	15.82	165	159466	46.185	ng		93
57) Fluorene	16.52	166	480250	45.433	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	148710	48.187	ng		95
59) Diethylphthalate	16.25	149	507983	45.616	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	277484	45.666	ng		99
61) 4-Nitroaniline	16.54	138	89219	35.837	ng	#	84
62) Azobenzene	16.79	77	492689	45.672	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	43146	22.074	ng		89
65) n-Nitrosodiphenylamine	16.71	169	441050	47.283	ng		98
66) 4-Bromophenyl-phenylether	17.39	248	187211	48.788	ng		95
67) Hexachlorobenzene	17.52	284	188655	46.585	ng		95
68) Atrazine	17.63	200	170306	45.057	ng		96
69) Pentachlorophenol	17.86	266	164343	59.127	ng		98
70) Phenanthrene	18.26	178	777612	45.698	ng		98
71) Anthracene	18.35	178	808317	46.915	ng		99
72) Carbazole	18.61	167	682274	44.687	ng		98
73) Di-n-butylphthalate	19.10	149	807082	45.416	ng	#	98
74) Fluoranthene	20.21	202	958358	45.511	ng		97
76) Benzidine	20.38	184	27954	3.083	ng		97
77) Pyrene	20.57	202	974822	43.714	ng		98
79) Butylbenzylphthalate	21.42	149	373926	45.439	ng		95
80) Benzo(a)anthracene	22.54	228	996908	46.824	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	80909	10.679	ng	#	99
82) Chrysene	22.62	228	953458	46.263	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	506170	44.621	ng		99
84) Di-n-octyl phthalate	23.76	149	895354	51.549	ng		98
85) Indeno(1,2,3-cd)pyrene	30.71	276	1067650	47.914	ng	#	86
87) Benzo(b)fluoranthene	25.12	252	963179	45.583	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	1020150	47.736	ng	#	96
89) Benzo(a)pyrene	26.15	252	969123	47.759	ng	#	97
90) Dibenzo(a,h)anthracene	30.78	278	865624	45.287	ng	#	97
91) Benzo(g,h,i)perylene	32.07	276	812888	42.947	ng	#	95

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

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