Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
Data File : BG033164.D
Acq On : 15 Mar 2018 3:53
Operator : SJ/JU
Sample : J1749-04MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-02-031318MSD

Manual Integrations APPROVED
Sohil
3/15/2018 7:00:18 PM

Quant Time: Mar 15 11:22:56 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	37499	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	171329	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	107782	20.00	ng		0.00
63) Phenanthrene-d10	18.25	188	263070	20.00	ng		0.00
75) Chrysene-d12	22.61	240	242747	20.00	ng		0.00
86) Perylene-d12	26.41	264	259830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	348303	148.60	ng		0.00
7) Phenol-d6	8.00	99	435932	133.43	ng		0.00
23) Nitrobenzene-d5	10.10	82	311417	121.34	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	257227	226.97	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	707637	94.69	ng		0.00
78) Terphenyl-d14	20.76	244	1256321	116.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	35198	34.601	ng	#	91
3) Pyridine	4.43	79	77168	27.523	ng		90
4) n-Nitrosodimethylamine	4.32	42	64832	57.675	ng	#	78
6) Aniline	8.19	93	71144	16.087	ng		98
8) 2-Chlorophenol	8.45	128	130381	50.820	ng		96
9) Benzaldehyde	7.99	77	42928	22.798	ng		94
10) Phenol	8.03	94	146613	44.517	ng		96
11) bis(2-Chloroethyl)ether	8.28	93	118487	43.998	ng		96
12) 1,3-Dichlorobenzene	8.78	146	129887	43.225	ng		97
13) 1,4-Dichlorobenzene	8.93	146	131900	43.608	ng		98
14) 1,2-Dichlorobenzene	9.27	146	126998	43.815	ng		97
15) Benzyl Alcohol	9.13	79	120525	50.181	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.42	45	224250	48.439	ng		98
17) 2-Methylphenol	9.33	107	110758	45.607	ng		97
18) Hexachloroethane	10.02	117	47679	46.297	ng		87
19) n-Nitroso-di-n-propylamine	9.71	70	106177	46.034	ng		91
20) 3+4-Methylphenols	9.67	107	159017	47.092	ng		97
22) Acetophenone	9.74	105	193362	44.688	ng	#	98
24) Nitrobenzene	10.14	77	150572	54.164	ng		96
25) Isophorone	10.66	82	298130	49.576	ng		96
26) 2-Nitrophenol	10.87	139	73003	66.516	ng		96
27) 2,4-Dimethylphenol	10.90	122	141144	54.029	ng		94
28) bis(2-Chloroethoxy)methane	11.14	93	167224	47.734	ng	#	96
29) 2,4-Dichlorophenol	11.41	162	133237	56.195	ng		92
30) 1,2,4-Trichlorobenzene	11.64	180	127578	45.904	ng		94
31) Naphthalene	11.83	128	420856	47.009	ng		99
32) Benzoic acid	11.04	122	70269m	44.636	ng		
33) 4-Chloroaniline	11.93	127	23972	5.989	ng		94
34) Hexachlorobutadiene	12.09	225	73697	47.274	ng		94
35) Caprolactam	12.68	113	42970	45.262	ng		96
36) 4-Chloro-3-methylphenol	12.99	107	167541	60.723	ng		96
37) 2-Methylnaphthalene	13.39	142	314888	48.616	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	146071	45.654	ng	#	97
40) Hexachlorocyclopentadiene	13.71	237	181824	111.507	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	114120	56.558	ng		97
43) 2,4,5-Trichlorophenol	14.04	196	128167	54.882	ng		98
45) 1,1'-Biphenyl	14.36	154	408139	43.334	ng		97
46) 2-Chloronaphthalene	14.41	162	311194	44.232	ng		95
47) 2-Nitroaniline	14.60	65	121419	64.245	ng		94
48) Acenaphthylene	15.25	152	530302	46.038	ng		99
49) Dimethylphthalate	14.94	163	442398	48.341	ng		99
50) 2,6-Dinitrotoluene	15.08	165	97706	61.444	ng		94
51) Acenaphthene	15.58	154	377656	52.645	ng		97
52) 3-Nitroaniline	15.41	138	40740	25.867	ng	#	92
53) 2,4-Dinitrophenol	15.61	184	87099	141.234	ng	#	81
54) Dibenzofuran	15.91	168	504905	49.430	ng		93
55) 4-Nitrophenol	15.69	139	163940	106.791	ng		94
56) 2,4-Dinitrotoluene	15.85	165	141564	70.599	ng	#	90
57) Fluorene	16.55	166	414934	49.217	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	117983m	65.072	ng		
59) Diethylphthalate	16.28	149	482571	49.994	ng		99
60) 4-Chlorophenyl-phenylether	16.52	204	212607	51.551	ng	#	89
61) 4-Nitroaniline	16.56	138	86290	44.045	ng		97
62) Azobenzene	16.82	77	423736	49.070	ng		97
64) 4,6-Dinitro-2-methylphenol	16.60	198	67665	73.113	ng		93
65) n-Nitrosodiphenylamine	16.74	169	388101	45.349	ng		99
66) 4-Bromophenyl-phenylether	17.42	248	140890	50.649	ng	#	88
67) Hexachlorobenzene	17.55	284	152014	50.569	ng		97
68) Atrazine	17.66	200	140608	49.914	ng		97
69) Pentachlorophenol	17.89	266	185845	98.151	ng		99
70) Phenanthrene	18.29	178	695990	47.421	ng		99
71) Anthracene	18.38	178	713620	48.431	ng		99
72) Carbazole	18.64	167	659366	45.400	ng	#	97
73) Di-n-butylphthalate	19.13	149	830408	46.607	ng		99
74) Fluoranthene	20.24	202	800771	49.393	ng		96
76) Benzidine	20.40	184	165777m	20.035	ng		
77) Pyrene	20.60	202	800669	46.772	ng		98
79) Butylbenzylphthalate	21.46	149	371495	48.946	ng		95
80) Benzo(a)anthracene	22.59	228	755526	48.536	ng		98
81) 3,3'-Dichlorobenzidine	22.47	252	134820	23.385	ng	#	97
82) Chrysene	22.66	228	708150	47.624	ng		99
83) Bis(2-ethylhexyl)phthalate	22.41	149	509460	45.347	ng		95
84) Di-n-octyl phthalate	23.82	149	848404	49.543	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	881683	50.843	ng	#	94
87) Benzo(b)fluoranthene	25.19	252	759420	49.432	ng		98
88) Benzo(k)fluoranthene	25.27	252	737539	48.305	ng		98
89) Benzo(a)pyrene	26.23	252	733030	50.165	ng		99
90) Dibenzo(a,h)anthracene	30.92	278	741812	50.435	ng		98
91) Benzo(g,h,i)perylene	32.24	276	728438	50.241	ng		98

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

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