Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG033018\
Data File : BG033456.D
Acq On : 30 Mar 2018 20:09
Operator : SJ/JU
Sample : J1749-08MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MSD

Manual Integrations APPROVED
Sohil
4/2/2018 5:07:19 PM

Quant Time: Mar 31 02:22:47 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	8.86	152	35778	20.00	ng		-0.01
21) Naphthalene-d8	11.74	136	164811	20.00	ng		-0.01
38) Acenaphthene-d10	15.49	164	130211	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	352982	20.00	ng		0.00
75) Chrysene-d12	22.56	240	354293	20.00	ng		0.00
86) Perylene-d12	26.33	264	389167	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	316385	165.82	ng		0.00
7) Phenol-d6	7.99	99	462277	141.01	ng		0.00
23) Nitrobenzene-d5	10.07	82	346735	96.66	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	305559	156.90	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	871225	96.59	ng		0.00
78) Terphenyl-d14	20.73	244	1627259	98.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	36083	37.238	ng	#	85
3) Pyridine	4.40	79	73986	27.621	ng		93
4) n-Nitrosodimethylamine	4.30	42	53310	48.497	ng	#	88
6) Aniline	8.16	93	79015	20.495	ng	#	95
8) 2-Chlorophenol	8.42	128	124551	57.099	ng		98
9) Benzaldehyde	7.97	77	50679m	24.325	ng		
10) Phenol	8.01	94	160889	49.706	ng		87
11) bis(2-Chloroethyl)ether	8.25	93	122493	46.364	ng		99
12) 1,3-Dichlorobenzene	8.75	146	124354	43.605	ng		95
13) 1,4-Dichlorobenzene	8.90	146	121988	42.712	ng		97
14) 1,2-Dichlorobenzene	9.23	146	125935	45.179	ng		95
15) Benzyl Alcohol	9.11	79	146192	56.637	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	210937	48.976	ng		89
17) 2-Methylphenol	9.31	107	116526	52.846	ng		94
18) Hexachloroethane	9.99	117	50364	45.690	ng		90
19) n-Nitroso-di-n-propylamine	9.68	70	120638	50.218	ng		97
20) 3+4-Methylphenols	9.65	107	164442	52.378	ng		91
22) Acetophenone	9.70	105	216246	47.892	ng	#	97
24) Nitrobenzene	10.11	77	181617	47.301	ng		95
25) Isophorone	10.63	82	365381	52.480	ng		97
26) 2-Nitrophenol	10.84	139	75551	51.973	ng	#	86
27) 2,4-Dimethylphenol	10.87	122	134150	63.526	ng		93
28) bis(2-Chloroethoxy)methane	11.11	93	184527	53.120	ng		96
29) 2,4-Dichlorophenol	11.39	162	149472	57.555	ng		97
30) 1,2,4-Trichlorobenzene	11.60	180	151978	45.042	ng		94
31) Naphthalene	11.80	128	411344	48.164	ng		98
32) Benzoic acid	11.01	122	65914m	33.577	ng		
33) 4-Chloroaniline	11.90	127	64062	16.742	ng	#	94
34) Hexachlorobutadiene	12.06	225	110047	43.128	ng		96
35) Caprolactam	12.64	113	42019	41.300	ng		92
36) 4-Chloro-3-methylphenol	12.97	107	198579	58.626	ng		90
37) 2-Methylnaphthalene	13.35	142	332191	50.112	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	215727	45.738	ng		99
40) Hexachlorocyclopentadiene	13.68	237	261856	94.704	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	150361	54.869	ng		98
43) 2,4,5-Trichlorophenol	14.02	196	169858	52.440	ng		94
45) 1,1'-Biphenyl	14.32	154	470110	46.993	ng		98
46) 2-Chloronaphthalene	14.38	162	360219	46.700	ng		97
47) 2-Nitroaniline	14.58	65	154224	53.381	ng		95
48) Acenaphthylene	15.22	152	607211	47.161	ng		99
49) Dimethylphthalate	14.91	163	554976	48.975	ng		99
50) 2,6-Dinitrotoluene	15.04	165	120212	51.881	ng		96
51) Acenaphthene	15.54	154	434246	52.320	ng		98
52) 3-Nitroaniline	15.39	138	73542	30.274	ng	#	91
53) 2,4-Dinitrophenol	15.58	184	92682	77.505	ng	#	73
54) Dibenzofuran	15.88	168	609986	49.754	ng		91
55) 4-Nitrophenol	15.67	139	167563	98.096	ng	#	82
56) 2,4-Dinitrotoluene	15.82	165	176252	51.662	ng		97
57) Fluorene	16.52	166	517771	49.573	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	175593	57.584	ng		95
59) Diethylphthalate	16.25	149	553035	50.260	ng		96
60) 4-Chlorophenyl-phenylether	16.49	204	290338	48.357	ng		95
61) 4-Nitroaniline	16.54	138	122620	49.846	ng	#	84
62) Azobenzene	16.78	77	541100	50.764	ng		97
64) 4,6-Dinitro-2-methylphenol	16.58	198	84368	39.954	ng		98
65) n-Nitrosodiphenylamine	16.71	169	478970	47.530	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	200699	48.414	ng		94
67) Hexachlorobenzene	17.51	284	200341	45.793	ng		95
68) Atrazine	17.62	200	206063	50.463	ng		97
69) Pentachlorophenol	17.85	266	251032	83.600	ng		97
70) Phenanthrene	18.26	178	878137	47.768	ng		98
71) Anthracene	18.35	178	917441	49.289	ng		99
72) Carbazole	18.61	167	777178	47.118	ng		96
73) Di-n-butylphthalate	19.10	149	927534	48.313	ng	#	98
74) Fluoranthene	20.21	202	1080256	47.486	ng		97
76) Benzidine	20.37	184	103636	10.787	ng		96
77) Pyrene	20.57	202	1085156	45.924	ng		98
79) Butylbenzylphthalate	21.42	149	422256	48.425	ng		98
80) Benzo(a)anthracene	22.54	228	1087535	48.207	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	271777	33.854	ng		98
82) Chrysene	22.62	228	1029877	47.160	ng		96
83) Bis(2-ethylhexyl)phthalate	22.36	149	590208	49.101	ng		97
84) Di-n-octyl phthalate	23.75	149	1020478	55.448	ng		98
85) Indeno(1,2,3-cd)pyrene	30.71	276	1250311	52.955	ng	#	91
87) Benzo(b)fluoranthene	25.12	252	1091208	48.533	ng	#	96
88) Benzo(k)fluoranthene	25.20	252	1088399m	47.863	ng		
89) Benzo(a)pyrene	26.15	252	1068126	49.468	ng	#	98
90) Dibenzo(a,h)anthracene	30.78	278	1044960	51.377	ng	#	97
91) Benzo(g,h,i)perylene	32.10	276	1022182	50.753	ng	#	94

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

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