Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033580.D
Acq On : 5 Apr 2018 5:04
Operator : SJ/JU
Sample : J2185-08MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOWER-CONCRETE-SLAB-1MSD

Manual Integrations APPROVED
Sohil
4/5/2018 5:03:56 PM

Quant Time: Apr 05 06:56:09 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:35:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28403	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	131322	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	108058	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	294102	20.00	ng		0.00
75) Chrysene-d12	22.55	240	298426	20.00	ng		0.00
86) Perylene-d12	26.31	264	313713	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	286633	189.23	ng		0.00
7) Phenol-d6	7.98	99	430452	165.39	ng		0.00
23) Nitrobenzene-d5	10.06	82	320447	112.11	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	251091	155.37	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	726336	97.04	ng		0.00
78) Terphenyl-d14	20.73	244	1441624	103.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	38024	49.431	ng		87
3) Pyridine	4.40	79	98363	46.257	ng		96
4) n-Nitrosodimethylamine	4.30	42	56388	64.617	ng	#	91
6) Aniline	8.16	93	153367	50.109	ng		98
8) 2-Chlorophenol	8.41	128	115118	66.478	ng		94
9) Benzaldehyde	7.97	77	39611m	23.949	ng		
10) Phenol	8.01	94	153370	59.686	ng		94
11) bis(2-Chloroethyl)ether	8.24	93	120712	57.554	ng		93
12) 1,3-Dichlorobenzene	8.75	146	111248	49.139	ng		98
13) 1,4-Dichlorobenzene	8.89	146	111460	49.159	ng		95
14) 1,2-Dichlorobenzene	9.23	146	116287	52.550	ng		98
15) Benzyl Alcohol	9.10	79	124322	60.671	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.38	45	194533	56.895	ng		90
17) 2-Methylphenol	9.30	107	106176m	60.655	ng		
18) Hexachloroethane	9.97	117	46272	52.877	ng		98
19) n-Nitroso-di-n-propylamine	9.67	70	110533	57.959	ng	#	94
20) 3+4-Methylphenols	9.63	107	152953	61.369	ng		94
22) Acetophenone	9.70	105	194326	54.013	ng	#	94
24) Nitrobenzene	10.10	77	162954	53.263	ng		92
25) Isophorone	10.62	82	327146	58.971	ng		98
26) 2-Nitrophenol	10.83	139	64900	56.031	ng		98
27) 2,4-Dimethylphenol	10.86	122	111167	66.067	ng		92
28) bis(2-Chloroethoxy)methane	11.10	93	166124	60.017	ng		96
29) 2,4-Dichlorophenol	11.37	162	127498	61.614	ng		93
30) 1,2,4-Trichlorobenzene	11.60	180	133422	49.626	ng		97
31) Naphthalene	11.80	128	374500	55.032	ng		99
32) Benzoic acid	11.00	122	52658	33.665	ng	#	84
33) 4-Chloroaniline	11.90	127	135882	44.568	ng		93
34) Hexachlorobutadiene	12.05	225	91378	44.944	ng		96
35) Caprolactam	12.64	113	39530	48.761	ng		95
36) 4-Chloro-3-methylphenol	12.96	107	169480	62.795	ng		95
37) 2-Methylnaphthalene	13.35	142	299386	56.681	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	184378	47.105	ng		99
40) Hexachlorocyclopentadiene	13.67	237	191988	83.671	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	124417	54.710	ng		96
43) 2,4,5-Trichlorophenol	14.01	196	147362	54.822	ng		99
45) 1,1'-Biphenyl	14.32	154	417211	50.255	ng		97
46) 2-Chloronaphthalene	14.38	162	319984	49.989	ng		96
47) 2-Nitroaniline	14.57	65	143374	59.799	ng		94
48) Acenaphthylene	15.21	152	545472	51.052	ng		98
49) Dimethylphthalate	14.90	163	482424	51.300	ng		100
50) 2,6-Dinitrotoluene	15.04	165	104754	54.478	ng		94
51) Acenaphthene	15.54	154	367676	53.381	ng		97
52) 3-Nitroaniline	15.38	138	98330	48.777	ng	#	93
53) 2,4-Dinitrophenol	15.57	184	60828	62.894	ng		89
54) Dibenzofuran	15.87	168	546277	53.693	ng		92
55) 4-Nitrophenol	15.67	139	138430	97.655	ng		86
56) 2,4-Dinitrotoluene	15.81	165	159301	56.266	ng		94
57) Fluorene	16.51	166	462017	53.304	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	144445	57.081	ng		99
59) Diethylphthalate	16.24	149	486962	53.328	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	256623	51.504	ng		100
61) 4-Nitroaniline	16.54	138	113104	55.404	ng		86
62) Azobenzene	16.78	77	497965	56.295	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	60854	34.588	ng		96
65) n-Nitrosodiphenylamine	16.70	169	430128	51.229	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	169018	48.935	ng		93
67) Hexachlorobenzene	17.51	284	173672	47.644	ng		97
68) Atrazine	17.62	200	175529	51.591	ng		98
69) Pentachlorophenol	17.85	266	189958	75.926	ng		97
70) Phenanthrene	18.25	178	778416	50.821	ng		98
71) Anthracene	18.34	178	801005	51.649	ng		100
72) Carbazole	18.60	167	708764	51.573	ng		98
73) Di-n-butylphthalate	19.09	149	848080	53.018	ng	#	97
74) Fluoranthene	20.20	202	969184	51.132	ng		97
76) Benzidine	20.37	184	324702	40.122	ng		99
77) Pyrene	20.56	202	969034	48.687	ng		99
79) Butylbenzylphthalate	21.41	149	380470	51.802	ng		99
80) Benzo(a)anthracene	22.53	228	944455	49.702	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	316688	46.833	ng		98
82) Chrysene	22.61	228	911248	49.539	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	525139	51.867	ng		98
84) Di-n-octyl phthalate	23.75	149	898516	57.960	ng		100
85) Indeno(1,2,3-cd)pyrene	30.70	276	863528	43.420	ng	#	75
87) Benzo(b)fluoranthene	25.11	252	897387	49.512	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	953335m	52.007	ng		
89) Benzo(a)pyrene	26.14	252	910567	52.314	ng	#	97
90) Dibenzo(a,h)anthracene	30.77	278	631503	38.517	ng		97
91) Benzo(g,h,i)perylene	32.06	276	654716	40.326	ng	#	95

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

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