Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG033018\
Data File : BG033451.D
Acq On : 30 Mar 2018 17:00
Operator : SJ/JU
Sample : PB107838BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107838BS

Manual Integrations APPROVED
Sohil
4/2/2018 5:07:14 PM

Quant Time: Mar 31 02:08:45 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	8.86	152	30864	20.00	ng		-0.01
21) Naphthalene-d8	11.75	136	142859	20.00	ng		0.00
38) Acenaphthene-d10	15.49	164	112406	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	298240	20.00	ng		0.00
75) Chrysene-d12	22.56	240	314878	20.00	ng		0.00
86) Perylene-d12	26.33	264	336928	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	267568	162.56	ng		0.00
7) Phenol-d6	7.98	99	417848	147.75	ng		0.00
23) Nitrobenzene-d5	10.06	82	263652	84.79	ng		-0.01
41) 2,4,6-Tribromophenol	16.96	330	230435	137.07	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	681147	87.48	ng		0.00
78) Terphenyl-d14	20.73	244	1290919	87.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	28434	34.017	ng		87
3) Pyridine	4.39	79	78878	34.136	ng		99
4) n-Nitrosodimethylamine	4.29	42	41135	43.379	ng	#	87
6) Aniline	8.17	93	60356	18.148	ng		96
8) 2-Chlorophenol	8.42	128	93977	49.943	ng		97
9) Benzaldehyde	7.97	77	52240m	29.066	ng		
10) Phenol	8.01	94	141863	50.806	ng		87
11) bis(2-Chloroethyl)ether	8.24	93	82343	36.129	ng		95
12) 1,3-Dichlorobenzene	8.75	146	92829	37.734	ng		97
13) 1,4-Dichlorobenzene	8.90	146	89168	36.192	ng		98
14) 1,2-Dichlorobenzene	9.23	146	97204	40.424	ng		94
15) Benzyl Alcohol	9.10	79	106658	47.900	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	9.38	45	151668	40.821	ng		88
17) 2-Methylphenol	9.31	107	89546	47.076	ng	#	90
18) Hexachloroethane	9.99	117	37251	39.174	ng		95
19) n-Nitroso-di-n-propylamine	9.68	70	85646	41.328	ng		99
20) 3+4-Methylphenols	9.64	107	129062	47.654	ng		88
22) Acetophenone	9.70	105	152849	39.053	ng	#	98
24) Nitrobenzene	10.11	77	128537	38.621	ng		95
25) Isophorone	10.63	82	255724	42.374	ng		99
26) 2-Nitrophenol	10.84	139	56028	44.465	ng	#	84
27) 2,4-Dimethylphenol	10.87	122	102239	55.854	ng		89
28) bis(2-Chloroethoxy)methane	11.11	93	131562	43.692	ng		97
29) 2,4-Dichlorophenol	11.39	162	109752	48.755	ng		95
30) 1,2,4-Trichlorobenzene	11.60	180	112724	38.542	ng		99
31) Naphthalene	11.80	128	294707	39.809	ng		99
32) Benzoic acid	10.99	122	43429m	25.522	ng		
33) 4-Chloroaniline	11.90	127	52269	15.759	ng	#	92
34) Hexachlorobutadiene	12.06	225	81231	36.727	ng		99
35) Caprolactam	12.65	113	41951	47.569	ng		95
36) 4-Chloro-3-methylphenol	12.97	107	143883	49.006	ng		93
37) 2-Methylnaphthalene	13.35	142	239981	41.765	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	154803	38.020	ng		98
40) Hexachlorocyclopentadiene	13.68	237	198126	83.006	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	111937	47.318	ng		95
43) 2,4,5-Trichlorophenol	14.01	196	130096	46.526	ng		89
45) 1,1'-Biphenyl	14.32	154	348183	40.318	ng		95
46) 2-Chloronaphthalene	14.38	162	266932	40.088	ng		94
47) 2-Nitroaniline	14.57	65	110510	44.309	ng		95
48) Acenaphthylene	15.22	152	444832	40.022	ng		99
49) Dimethylphthalate	14.91	163	408186	41.727	ng		99
50) 2,6-Dinitrotoluene	15.04	165	88261	44.126	ng		96
51) Acenaphthene	15.55	154	305447	42.631	ng		95
52) 3-Nitroaniline	15.38	138	47170	22.494	ng	#	95
53) 2,4-Dinitrophenol	15.58	184	56448	56.932	ng	#	78
54) Dibenzofuran	15.87	168	441603	41.725	ng		93
55) 4-Nitrophenol	15.67	139	139362	94.510	ng	#	87
56) 2,4-Dinitrotoluene	15.82	165	127156	43.175	ng		94
57) Fluorene	16.52	166	378047	41.929	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	128653	48.873	ng		96
59) Diethylphthalate	16.25	149	403065	42.433	ng		98
60) 4-Chlorophenyl-phenylether	16.50	204	211959	40.895	ng		98
61) 4-Nitroaniline	16.53	138	82291	38.751	ng	#	86
62) Azobenzene	16.78	77	396339	43.073	ng		98
64) 4,6-Dinitro-2-methylphenol	16.58	198	59988	33.623	ng		94
65) n-Nitrosodiphenylamine	16.71	169	350983	41.223	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	143175	40.877	ng		94
67) Hexachlorobenzene	17.51	284	145711	39.419	ng		96
68) Atrazine	17.63	200	153125	44.382	ng		97
69) Pentachlorophenol	17.85	266	173891	68.540	ng		97
70) Phenanthrene	18.25	178	650858	41.903	ng		98
71) Anthracene	18.35	178	669160	42.549	ng		99
72) Carbazole	18.61	167	594647	42.669	ng		97
73) Di-n-butylphthalate	19.10	149	701731	43.260	ng		99
74) Fluoranthene	20.21	202	828541	43.106	ng		96
76) Benzidine	20.37	184	193098	22.614	ng		98
77) Pyrene	20.57	202	827943	39.425	ng		98
79) Butylbenzylphthalate	21.42	149	321970	41.546	ng		99
80) Benzo(a)anthracene	22.54	228	820041	40.900	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	158191	22.172	ng		94
82) Chrysene	22.61	228	774015	39.880	ng		97
83) Bis(2-ethylhexyl)phthalate	22.36	149	439828	41.171	ng	#	98
84) Di-n-octyl phthalate	23.76	149	758638	46.380	ng		98
85) Indeno(1,2,3-cd)pyrene	30.71	276	933402	44.481	ng	#	88
87) Benzo(b)fluoranthene	25.12	252	807424	41.479	ng	#	98
88) Benzo(k)fluoranthene	25.20	252	811210	41.204	ng	#	98
89) Benzo(a)pyrene	26.15	252	793724	42.459	ng	#	97
90) Dibenzo(a,h)anthracene	30.79	278	779188	44.250	ng	#	96
91) Benzo(g,h,i)perylene	32.09	276	763659	43.796	ng	#	95

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

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