Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
Data File : BG033439.D
Acq On : 30 Mar 2018 3:06
Operator : SJ/JU
Sample : PB107742BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107742BS

Manual Integrations APPROVED
Sohil
3/30/2018 6:04:47 PM

Quant Time: Mar 30 08:18:47 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	8.87	152	32612	20.00	ng		0.00
21) Naphthalene-d8	11.75	136	147805	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	119997	20.00	ng		0.00
63) Phenanthrene-d10	18.22	188	315088	20.00	ng		0.00
75) Chrysene-d12	22.56	240	338628	20.00	ng		0.00
86) Perylene-d12	26.33	264	370071	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	302173	173.74	ng		0.00
7) Phenol-d6	7.99	99	482240	161.38	ng		0.00
23) Nitrobenzene-d5	10.07	82	307881	95.70	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	258785	144.19	ng		0.00
44) 2-Fluorobiphenyl	14.12	172	782800	94.18	ng		0.00
78) Terphenyl-d14	20.74	244	1515653	95.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	30788	34.858	ng		92
3) Pyridine	4.39	79	91784	37.592	ng		94
4) n-Nitrosodimethylamine	4.29	42	52045m	51.943	ng		
6) Aniline	8.16	93	72804	20.717	ng		96
8) 2-Chlorophenol	8.42	128	107869	54.253	ng		96
9) Benzaldehyde	7.96	77	54353m	28.621	ng		
10) Phenol	8.02	94	162868	55.202	ng		94
11) bis(2-Chloroethyl)ether	8.25	93	105418	43.775	ng		98
12) 1,3-Dichlorobenzene	8.75	146	103883	39.963	ng		96
13) 1,4-Dichlorobenzene	8.90	146	109399	42.023	ng		98
14) 1,2-Dichlorobenzene	9.23	146	107257	42.213	ng		96
15) Benzyl Alcohol	9.10	79	123649	52.554	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.39	45	172383	43.910	ng		85
17) 2-Methylphenol	9.31	107	102577	51.036	ng	#	83
18) Hexachloroethane	9.99	117	42921	42.718	ng	#	86
19) n-Nitroso-di-n-propylamine	9.67	70	103898	47.448	ng	#	97
20) 3+4-Methylphenols	9.64	107	154407	53.957	ng		93
22) Acetophenone	9.71	105	179780	44.397	ng	#	95
24) Nitrobenzene	10.11	77	153853	44.680	ng		95
25) Isophorone	10.63	82	308025	49.333	ng		98
26) 2-Nitrophenol	10.84	139	68945	52.885	ng	#	91
27) 2,4-Dimethylphenol	10.87	122	114752	60.592	ng		83
28) bis(2-Chloroethoxy)methane	11.11	93	154974	49.745	ng		99
29) 2,4-Dichlorophenol	11.38	162	128511	55.177	ng		96
30) 1,2,4-Trichlorobenzene	11.60	180	130271	43.051	ng		96
31) Naphthalene	11.80	128	346383	45.224	ng		99
33) 4-Chloroaniline	11.90	127	67396	19.640	ng	#	89
34) Hexachlorobutadiene	12.06	225	93911	41.039	ng		95
35) Caprolactam	12.64	113	50798	55.673	ng		96
36) 4-Chloro-3-methylphenol	12.97	107	166980	54.969	ng		94
37) 2-Methylnaphthalene	13.35	142	278524	46.851	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	187930	43.236	ng		98
40) Hexachlorocyclopentadiene	13.68	237	235079	92.257	ng		94
42) 2,4,6-Trichlorophenol	13.93	196	131614	52.116	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	14.02	196	148886	49.878	ng		94
45) 1,1'-Biphenyl	14.33	154	403704	43.790	ng		97
46) 2-Chloronaphthalene	14.38	162	309985	43.608	ng		96
47) 2-Nitroaniline	14.57	65	129323	48.572	ng		95
48) Acenaphthylene	15.21	152	520320	43.852	ng		100
49) Dimethylphthalate	14.91	163	478534	45.823	ng		99
50) 2,6-Dinitrotoluene	15.04	165	101066	47.331	ng		98
51) Acenaphthene	15.55	154	306602	40.085	ng		97
52) 3-Nitroaniline	15.39	138	59033	26.370	ng	#	95
54) Dibenzofuran	15.88	168	519302	45.963	ng		93
55) 4-Nitrophenol	15.67	139	134634	85.527	ng	#	83
56) 2,4-Dinitrotoluene	15.83	165	150850	47.980	ng	#	92
57) Fluorene	16.52	166	442696	45.993	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.10	232	120716	42.957	ng	#	96
59) Diethylphthalate	16.25	149	483078	47.639	ng		98
60) 4-Chlorophenyl-phenylether	16.50	204	251810	45.510	ng		100
61) 4-Nitroaniline	16.54	138	106181	46.838	ng	#	83
62) Azobenzene	16.79	77	454962	46.316	ng		98
65) n-Nitrosodiphenylamine	16.71	169	413368	45.954	ng		97
66) 4-Bromophenyl-phenylether	17.39	248	173194	46.804	ng		98
67) Hexachlorobenzene	17.52	284	175863	45.032	ng		95
68) Atrazine	17.63	200	182884	50.173	ng		97
69) Pentachlorophenol	17.86	266	28291m	10.555	ng		
70) Phenanthrene	18.26	178	761324	46.395	ng		99
71) Anthracene	18.35	178	798007	48.028	ng		99
72) Carbazole	18.61	167	699351	47.499	ng		98
73) Di-n-butylphthalate	19.10	149	820720	47.890	ng		99
74) Fluoranthene	20.21	202	985389	48.525	ng		97
76) Benzidine	20.37	184	273021	29.731	ng		99
77) Pyrene	20.57	202	985311	43.628	ng		98
79) Butylbenzylphthalate	21.43	149	374240	44.904	ng		96
80) Benzo(a)anthracene	22.54	228	969474	44.961	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	193273	25.189	ng		97
82) Chrysene	22.62	228	915689	43.871	ng		97
83) Bis(2-ethylhexyl)phthalate	22.36	149	519757	45.241	ng		99
84) Di-n-octyl phthalate	23.76	149	902098	51.283	ng		97
85) Indeno(1,2,3-cd)pyrene	30.72	276	1107650	49.083	ng	#	87
87) Benzo(b)fluoranthene	25.12	252	948467	44.361	ng	#	97
88) Benzo(k)fluoranthene	25.20	252	960253	44.406	ng	#	98
89) Benzo(a)pyrene	26.15	252	960383	46.774	ng	#	97
90) Dibenzo(a,h)anthracene	30.80	278	934784	48.332	ng	#	96
91) Benzo(g,h,i)perylene	32.10	276	927014	48.403	ng	#	94

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

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