Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG040218\
Data File : BG033494.D
Acq On : 2 Apr 2018 19:24
Operator : SJ/JU
Sample : PB107833BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107833BS

Manual Integrations APPROVED
Sohil
4/3/2018 12:08:05 PM
4/3/2018 12:08:05 PM

Quant Time: Apr 03 04:41:12 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	37378	20.00	ng		-0.02
21) Naphthalene-d8	11.75	136	170281	20.00	ng		-0.01
38) Acenaphthene-d10	15.48	164	129522	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	337472	20.00	ng		0.00
75) Chrysene-d12	22.56	240	345219	20.00	ng		0.00
86) Perylene-d12	26.32	264	375937	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	230266	115.52	ng		0.00
7) Phenol-d6	7.98	99	375623	109.67	ng		0.00
23) Nitrobenzene-d5	10.07	82	345592	93.25	ng		-0.01
41) 2,4,6-Tribromophenol	16.96	330	186374	96.21	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	853191	95.10	ng		0.00
78) Terphenyl-d14	20.73	244	1457833	90.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	34575	34.155	ng		92
3) Pyridine	4.38	79	103519	36.993	ng		97
4) n-Nitrosodimethylamine	4.30	42	57675	50.222	ng	#	79
6) Aniline	8.16	93	57819	14.355	ng		96
8) 2-Chlorophenol	8.41	128	120594	52.919	ng		96
9) Benzaldehyde	7.97	77	48696m	22.372	ng		
10) Phenol	8.01	94	180720	53.443	ng		89
11) bis(2-Chloroethyl)ether	8.24	93	119317	43.229	ng		99
12) 1,3-Dichlorobenzene	8.75	146	124318	41.727	ng		95
13) 1,4-Dichlorobenzene	8.90	146	122268	40.978	ng		95
14) 1,2-Dichlorobenzene	9.23	146	125075	42.949	ng		95
15) Benzyl Alcohol	9.10	79	134688	49.947	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.38	45	199687	44.379	ng		89
17) 2-Methylphenol	9.30	107	116120m	50.408	ng		
18) Hexachloroethane	9.98	117	50977	44.266	ng		99
19) n-Nitroso-di-n-propylamine	9.67	70	112732	44.918	ng	#	95
20) 3+4-Methylphenols	9.64	107	169652	51.725	ng		87
22) Acetophenone	9.70	105	192951	41.360	ng	#	99
24) Nitrobenzene	10.11	77	173577	43.755	ng		90
25) Isophorone	10.62	82	327178	45.484	ng		98
26) 2-Nitrophenol	10.84	139	71465	47.583	ng	#	90
27) 2,4-Dimethylphenol	10.87	122	126785	58.109	ng		89
28) bis(2-Chloroethoxy)methane	11.11	93	172160	47.968	ng		97
29) 2,4-Dichlorophenol	11.38	162	138972	51.793	ng		95
30) 1,2,4-Trichlorobenzene	11.60	180	144666	41.497	ng		97
31) Naphthalene	11.80	128	383965	43.514	ng		98
32) Benzoic acid	11.00	122	64384	31.744	ng	#	87
33) 4-Chloroaniline	11.90	127	52162	13.194	ng		96
34) Hexachlorobutadiene	12.06	225	106076	40.237	ng		98
35) Caprolactam	12.64	113	50077	47.639	ng		92
36) 4-Chloro-3-methylphenol	12.97	107	173853	49.678	ng		93
37) 2-Methylnaphthalene	13.35	142	306895	44.809	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	198891	42.393	ng		98
40) Hexachlorocyclopentadiene	13.67	237	249086	90.565	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	133238	48.879	ng		94
43) 2,4,5-Trichlorophenol	14.01	196	150739	46.785	ng		98
45) 1,1'-Biphenyl	14.33	154	430504	43.263	ng		97
46) 2-Chloronaphthalene	14.38	162	334823	43.639	ng		96
47) 2-Nitroaniline	14.57	65	136591	47.529	ng		98
48) Acenaphthylene	15.21	152	552553	43.144	ng		100
49) Dimethylphthalate	14.91	163	484627	42.994	ng		99
50) 2,6-Dinitrotoluene	15.04	165	105171	45.631	ng		96
51) Acenaphthene	15.55	154	408030	49.423	ng		98
52) 3-Nitroaniline	15.38	138	42001	17.382	ng	#	91
53) 2,4-Dinitrophenol	15.58	184	113625	93.747	ng	#	75
54) Dibenzofuran	15.88	168	548869	45.007	ng		95
55) 4-Nitrophenol	15.67	139	169625	99.832	ng	#	83
56) 2,4-Dinitrotoluene	15.82	165	154452	45.513	ng	#	96
57) Fluorene	16.52	166	459650	44.243	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	154282	50.864	ng		94
59) Diethylphthalate	16.25	149	479282	43.789	ng		97
60) 4-Chlorophenyl-phenylether	16.49	204	258169	43.228	ng		96
61) 4-Nitroaniline	16.53	138	97251	39.744	ng	#	82
62) Azobenzene	16.78	77	484898	45.734	ng		99
64) 4,6-Dinitro-2-methylphenol	16.58	198	87501	43.342	ng		93
65) n-Nitrosodiphenylamine	16.70	169	422850	43.890	ng		95
66) 4-Bromophenyl-phenylether	17.38	248	173028	43.658	ng		94
67) Hexachlorobenzene	17.52	284	177146	42.352	ng		97
68) Atrazine	17.62	200	180193	46.156	ng		98
69) Pentachlorophenol	17.85	266	240727	83.853	ng		98
70) Phenanthrene	18.26	178	782372	44.515	ng		98
71) Anthracene	18.34	178	802327	45.085	ng		98
72) Carbazole	18.60	167	718825	45.583	ng	#	96
73) Di-n-butylphthalate	19.10	149	852365	46.438	ng	#	98
74) Fluoranthene	20.21	202	997565	45.866	ng		96
76) Benzidine	20.37	184	219962	23.496	ng		98
77) Pyrene	20.56	202	992631	43.113	ng		99
79) Butylbenzylphthalate	21.42	149	391905	46.126	ng		96
80) Benzo(a)anthracene	22.54	228	985201	44.818	ng		100
81) 3,3'-Dichlorobenzidine	22.42	252	179888	22.997	ng		99
82) Chrysene	22.62	228	946413	44.477	ng		99
83) Bis(2-ethylhexyl)phthalate	22.36	149	533894	45.584	ng		99
84) Di-n-octyl phthalate	23.75	149	930907	51.910	ng		98
85) Indeno(1,2,3-cd)pyrene	30.69	276	1113911	48.418	ng	#	85
87) Benzo(b)fluoranthene	25.11	252	975778	44.926	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	969851	44.150	ng	#	97
89) Benzo(a)pyrene	26.15	252	971356	46.570	ng	#	98
90) Dibenzo(a,h)anthracene	30.78	278	923014	46.979	ng		99
91) Benzo(g,h,i)perylene	32.08	276	913705	46.963	ng	#	94

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

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