Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039938.D
Acq On : 15 Mar 2019 12:53
Operator : JU/SJ
Sample : PB117948BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117948BS

Manual Integrations APPROVED
Sohil
3/18/2019 3:02:37 PM

Quant Time: Mar 16 04:20:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	35487	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	153720	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	96244	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	243440	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	260986	20.00	ng		-0.02
87) Perylene-d12	25.17	264	259867	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	298680	143.59	ng		-0.01
7) Phenol-d6	7.29	99	412834	133.10	ng		-0.02
23) Nitrobenzene-d5	9.33	82	230159	80.98	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	157934	140.79	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	558166	82.57	ng		-0.02
79) Terphenyl-d14	20.11	244	948270	80.00	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	37231	38.769	ng		96
3) Pyridine	3.98	79	92336	35.915	ng		97
4) n-Nitrosodimethylamine	3.90	42	50916	41.746	ng	#	92
6) Aniline	7.47	93	115983	28.543	ng		99
8) 2-Chlorophenol	7.71	128	104601	41.450	ng		92
9) Benzaldehyde	7.29	77	57679	28.829	ng		97
10) Phenol	7.32	94	140522	41.822	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	103789	39.619	ng		99
12) 1,3-Dichlorobenzene	8.03	146	112382	39.376	ng		97
13) 1,4-Dichlorobenzene	8.19	146	118073	40.614	ng		97
14) 1,2-Dichlorobenzene	8.50	146	113009	40.233	ng		99
15) Benzyl Alcohol	8.39	79	100917	41.018	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	208082	39.715	ng		97
17) 2-Methylphenol	8.58	107	90990	42.470	ng		96
18) Hexachloroethane	9.23	117	42261	40.514	ng		96
19) n-Nitroso-di-n-propylamine	8.95	70	82351	36.888	ng		97
20) 3+4-Methylphenols	8.91	107	125663	42.220	ng		98
22) Acetophenone	8.97	105	160407	38.879	ng	#	96
24) Nitrobenzene	9.37	77	125536	42.102	ng		97
25) Isophorone	9.88	82	234158	39.318	ng		100
26) 2-Nitrophenol	10.08	139	59126	41.070	ng	#	91
27) 2,4-Dimethylphenol	10.12	122	106631	47.624	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	144095	39.815	ng	#	96
29) 2,4-Dichlorophenol	10.61	162	113476	45.014	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	120552	42.498	ng		95
31) Naphthalene	11.02	128	332968	40.911	ng		100
32) Benzoic acid	10.25	122	55456	37.713	ng		97
33) 4-Chloroaniline	11.13	127	77534	22.466	ng		98
34) Hexachlorobutadiene	11.28	225	80406	41.480	ng		96
35) Caprolactam	11.91	113	35944m	37.326	ng		
36) 4-Chloro-3-methylphenol	12.23	107	118022	40.842	ng		98
37) 2-Methylnaphthalene	12.61	142	250927	41.238	ng		98
38) 1-Methylnaphthalene	12.83	142	236632	40.017	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	139856	42.894	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	187313	107.200	ng		100
43) 2,4,6-Trichlorophenol	13.21	196	91064	47.706	ng		99
44) 2,4,5-Trichlorophenol	13.29	196	95642	44.451	ng		99
46) 1,1'-Biphenyl	13.61	154	336039	42.451	ng		98
47) 2-Chloronaphthalene	13.66	162	260608	43.762	ng		98
48) 2-Nitroaniline	13.87	65	84216	44.005	ng		93
49) Acenaphthylene	14.50	152	404204	41.347	ng		99
50) Dimethylphthalate	14.22	163	333845	41.483	ng		100
51) 2,6-Dinitrotoluene	14.35	165	74662	43.762	ng		98
52) Acenaphthene	14.84	154	246685	41.926	ng		99
53) 3-Nitroaniline	14.69	138	52089	30.373	ng	#	93
54) 2,4-Dinitrophenol	14.89	184	91688	84.875	ng		99
55) Dibenzofuran	15.17	168	406600	42.119	ng		99
56) 4-Nitrophenol	14.98	139	128992	84.079	ng		92
57) 2,4-Dinitrotoluene	15.14	165	106883	44.585	ng		90
58) Fluorene	15.82	166	317887	41.888	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	96038	45.703	ng		99
60) Diethylphthalate	15.57	149	338320	42.466	ng		100
61) 4-Chlorophenyl-phenylether	15.81	204	171987	42.469	ng		96
62) 4-Nitroaniline	15.85	138	81078	43.608	ng		96
63) Azobenzene	16.09	77	310221	42.957	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	61006	42.383	ng		98
66) n-Nitrosodiphenylamine	16.02	169	293419	41.634	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	112505	41.288	ng		96
68) Hexachlorobenzene	16.81	284	114943	40.694	ng		97
69) Atrazine	16.96	200	114096	41.135	ng		94
70) Pentachlorophenol	17.16	266	141586	79.371	ng		97
71) Phenanthrene	17.56	178	551345	41.118	ng		99
72) Anthracene	17.65	178	554982	42.472	ng		98
73) Carbazole	17.93	167	503408	42.734	ng		100
74) Di-n-butylphthalate	18.46	149	613906	44.294	ng		100
75) Fluoranthene	19.57	202	688168	43.426	ng		98
77) Benzidine	19.74	184	282530	34.114	ng		99
78) Pyrene	19.92	202	691660	40.784	ng		100
80) Butylbenzylphthalate	20.79	149	292218	44.475	ng		99
81) Benzo(a)anthracene	21.79	228	669473	40.930	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	164435	27.535	ng		99
83) Chrysene	21.86	228	646202	40.751	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	415788	45.033	ng		99
85) Di-n-octyl phthalate	22.90	149	698672	45.702	ng		96
86) Indeno(1,2,3-cd)pyrene	29.04	276	768851	42.739	ng		98
88) Benzo(b)fluoranthene	24.09	252	676821	43.676	ng		97
89) Benzo(k)fluoranthene	24.16	252	639402	44.326	ng		97
90) Benzo(a)pyrene	25.01	252	650985	45.461	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	619667	44.141	ng		98
92) Benzo(g,h,i)perylene	30.26	276	626527	44.438	ng		99

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

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