Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039840.D
Acq On : 11 Mar 2019 13:56
Operator : JU/SJ
Sample : PB117780BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117780BS

Manual Integrations APPROVED
Sohil
3/12/2019 4:42:22 PM

Quant Time: Mar 12 03:54:15 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	40224	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	174843	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	121854	20.00	ng		-0.01
64) Phenanthrene-d10	17.53	188	309135	20.00	ng		0.00
76) Chrysene-d12	21.82	240	325136	20.00	ng		-0.01
87) Perylene-d12	25.18	264	296579	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	340281	144.32	ng		-0.01
7) Phenol-d6	7.30	99	474062	134.85	ng		-0.01
23) Nitrobenzene-d5	9.33	82	248041	76.73	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	195619	137.73	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	618524	72.27	ng		-0.01
79) Terphenyl-d14	20.12	244	1091177	73.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	39871	36.628	ng		99
3) Pyridine	3.99	79	98156	33.682	ng		94
4) n-Nitrosodimethylamine	3.91	42	54287	39.268	ng		89
6) Aniline	7.48	93	131284	28.503	ng		98
8) 2-Chlorophenol	7.71	128	117798	41.182	ng		97
9) Benzaldehyde	7.30	77	63404	27.959	ng		95
10) Phenol	7.33	94	160016	42.015	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	110049	37.061	ng		99
12) 1,3-Dichlorobenzene	8.04	146	121722	37.626	ng		98
13) 1,4-Dichlorobenzene	8.19	146	123462	37.467	ng		98
14) 1,2-Dichlorobenzene	8.51	146	117675	36.961	ng		99
15) Benzyl Alcohol	8.39	79	110531	39.635	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	216226	36.409	ng		99
17) 2-Methylphenol	8.59	107	104742	43.131	ng		97
18) Hexachloroethane	9.24	117	43096	36.449	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	89256	35.273	ng		94
20) 3+4-Methylphenols	8.92	107	140854	41.751	ng		94
22) Acetophenone	8.98	105	172118	36.678	ng	#	95
24) Nitrobenzene	9.38	77	134805	39.749	ng		97
25) Isophorone	9.89	82	252683	37.303	ng		97
26) 2-Nitrophenol	10.09	139	64412	39.337	ng		98
27) 2,4-Dimethylphenol	10.13	122	124503	48.888	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	154274	37.478	ng		99
29) 2,4-Dichlorophenol	10.61	162	128200	44.711	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	126390	39.173	ng		98
31) Naphthalene	11.03	128	359667	38.853	ng		99
32) Benzoic acid	10.26	122	64069	38.202	ng		99
33) 4-Chloroaniline	11.14	127	92056	23.451	ng		99
34) Hexachlorobutadiene	11.29	225	80318	36.429	ng		94
35) Caprolactam	11.91	113	43770m	39.962	ng		
36) 4-Chloro-3-methylphenol	12.24	107	139591	42.470	ng		96
37) 2-Methylnaphthalene	12.62	142	274451	39.655	ng		98
38) 1-Methylnaphthalene	12.84	142	266031	39.554	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	153913	37.284	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	177257	80.124	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	107414	44.444	ng		95
44) 2,4,5-Trichlorophenol	13.29	196	116451	42.747	ng		97
46) 1,1'-Biphenyl	13.62	154	380766	37.992	ng		98
47) 2-Chloronaphthalene	13.66	162	296298	39.298	ng		99
48) 2-Nitroaniline	13.88	65	102341	42.237	ng		93
49) Acenaphthylene	14.51	152	473643	38.267	ng		99
50) Dimethylphthalate	14.23	163	401004	39.355	ng		100
51) 2,6-Dinitrotoluene	14.36	165	90582	41.934	ng		97
52) Acenaphthene	14.84	154	289056	38.802	ng		98
53) 3-Nitroaniline	14.69	138	64450	29.682	ng	#	95
54) 2,4-Dinitrophenol	14.90	184	90789	67.525	ng		98
55) Dibenzofuran	15.18	168	481445	39.390	ng		98
56) 4-Nitrophenol	14.99	139	161049	82.912	ng		87
57) 2,4-Dinitrotoluene	15.14	165	128311	42.275	ng	#	86
58) Fluorene	15.83	166	383137	39.875	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	119870	45.055	ng		96
60) Diethylphthalate	15.58	149	409882	40.636	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	203172	39.625	ng		98
62) 4-Nitroaniline	15.86	138	98841	41.989	ng		91
63) Azobenzene	16.10	77	371076	40.584	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	70570	38.609	ng		96
66) n-Nitrosodiphenylamine	16.03	169	359063	40.121	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	134975	39.007	ng		94
68) Hexachlorobenzene	16.82	284	140769	39.247	ng		97
69) Atrazine	16.97	200	145544	41.322	ng		97
70) Pentachlorophenol	17.16	266	175254	77.367	ng		99
71) Phenanthrene	17.57	178	671250	39.421	ng		99
72) Anthracene	17.66	178	674046	40.622	ng		100
73) Carbazole	17.93	167	598750	40.026	ng		98
74) Di-n-butylphthalate	18.46	149	729721	41.461	ng		100
75) Fluoranthene	19.57	202	816377	40.568	ng		99
77) Benzidine	19.75	184	278782	27.020	ng		99
78) Pyrene	19.93	202	801129	37.919	ng		99
80) Butylbenzylphthalate	20.80	149	341669	41.741	ng		96
81) Benzo(a)anthracene	21.79	228	774494	38.008	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	204911	27.543	ng		99
83) Chrysene	21.86	228	745224	37.723	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	471949	41.031	ng		99
85) Di-n-octyl phthalate	22.92	149	805011	42.268	ng		96
86) Indeno(1,2,3-cd)pyrene	29.05	276	862773	38.497	ng	#	96
88) Benzo(b)fluoranthene	24.11	252	762870	43.135	ng		99
89) Benzo(k)fluoranthene	24.18	252	751801	45.667	ng		99
90) Benzo(a)pyrene	25.03	252	753192	46.088	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	704031	43.943	ng		99
92) Benzo(g,h,i)perylene	30.29	276	720348	44.768	ng		96

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

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