Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
Data File : BG040068.D
Acq On : 21 Mar 2019 16:31
Operator : JU/SJ
Sample : PB118155BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB118155BS

Manual Integrations APPROVED
Sohil
3/22/2019 3:59:49 PM

Quant Time: Mar 22 03:59:32 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	42169	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	195118	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	139012	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	332765	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	311238	20.00	ng		-0.02
87) Perylene-d12	25.17	264	306860	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	391443	158.36	ng		-0.02
7) Phenol-d6	7.30	99	570049	154.67	ng		-0.01
23) Nitrobenzene-d5	9.33	82	339511	94.11	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	233014	143.81	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	842927	86.34	ng		-0.02
79) Terphenyl-d14	20.11	244	1249384	88.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	32521	28.498	ng		97
3) Pyridine	3.98	79	96349	31.537	ng		96
4) n-Nitrosodimethylamine	3.90	42	56975	39.312	ng		89
6) Aniline	7.47	93	130402	27.006	ng		98
8) 2-Chlorophenol	7.71	128	132904	44.320	ng		96
9) Benzaldehyde	7.28	77	65427	27.520	ng		98
10) Phenol	7.32	94	185280	46.405	ng		94
11) bis(2-Chloroethyl)ether	7.56	93	126348	40.588	ng		94
12) 1,3-Dichlorobenzene	8.03	146	131085	38.651	ng		97
13) 1,4-Dichlorobenzene	8.18	146	135560	39.241	ng		98
14) 1,2-Dichlorobenzene	8.50	146	133003	39.848	ng		98
15) Benzyl Alcohol	8.39	79	127928	43.757	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	240489	38.627	ng		97
17) 2-Methylphenol	8.58	107	120359	47.276	ng		95
18) Hexachloroethane	9.23	117	48742	39.322	ng		97
19) n-Nitroso-di-n-propylamine	8.94	70	106976	40.326	ng	#	99
20) 3+4-Methylphenols	8.91	107	164629	46.547	ng		99
22) Acetophenone	8.97	105	208240	39.764	ng	#	93
24) Nitrobenzene	9.37	77	160228	42.336	ng		97
25) Isophorone	9.88	82	313598	41.485	ng		98
26) 2-Nitrophenol	10.08	139	81601	44.656	ng		98
27) 2,4-Dimethylphenol	10.12	122	139214	48.985	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	190305	41.427	ng		98
29) 2,4-Dichlorophenol	10.61	162	154866	48.399	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	150302	41.744	ng		99
31) Naphthalene	11.02	128	429583	41.583	ng		100
32) Benzoic acid	10.26	122	73663	39.159	ng		97
33) 4-Chloroaniline	11.13	127	66177	15.107	ng		97
34) Hexachlorobutadiene	11.28	225	99234	40.332	ng		95
35) Caprolactam	11.92	113	55059m	45.045	ng		
36) 4-Chloro-3-methylphenol	12.23	107	170766	46.556	ng		98
37) 2-Methylnaphthalene	12.61	142	335630	43.456	ng		98
38) 1-Methylnaphthalene	12.83	142	321531	42.838	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	188579	40.043	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	237642	94.161	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	130753	47.424	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	141400	45.499	ng		97
46) 1,1'-Biphenyl	13.61	154	456458	39.923	ng		98
47) 2-Chloronaphthalene	13.66	162	359344	41.778	ng		99
48) 2-Nitroaniline	13.87	65	122781	44.418	ng		98
49) Acenaphthylene	14.50	152	579618	41.049	ng		100
50) Dimethylphthalate	14.22	163	478257	41.144	ng		99
51) 2,6-Dinitrotoluene	14.36	165	109977	44.629	ng		95
52) Acenaphthene	14.84	154	349111	41.079	ng		98
53) 3-Nitroaniline	14.68	138	53803	21.720	ng	#	98
54) 2,4-Dinitrophenol	14.89	184	75583	50.697	ng		96
55) Dibenzofuran	15.17	168	575062	41.243	ng		99
56) 4-Nitrophenol	14.99	139	173986	78.516	ng		89
57) 2,4-Dinitrotoluene	15.14	165	157301	45.429	ng	#	85
58) Fluorene	15.82	166	460667	42.026	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	140438	46.271	ng		98
60) Diethylphthalate	15.57	149	495208	43.035	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	247407	42.297	ng		96
62) 4-Nitroaniline	15.85	138	109559	40.797	ng		93
63) Azobenzene	16.09	77	442850	42.456	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	75525	38.386	ng		98
66) n-Nitrosodiphenylamine	16.02	169	424724	44.088	ng		97
67) 4-Bromophenyl-phenylether	16.69	248	156984	42.146	ng		97
68) Hexachlorobenzene	16.81	284	164913	42.713	ng		97
69) Atrazine	16.96	200	152751	40.288	ng		97
70) Pentachlorophenol	17.16	266	202087	82.877	ng		98
71) Phenanthrene	17.56	178	759221	41.422	ng		99
72) Anthracene	17.65	178	769853	43.101	ng		98
73) Carbazole	17.93	167	659051	40.929	ng		99
74) Di-n-butylphthalate	18.45	149	806787	42.585	ng		100
75) Fluoranthene	19.56	202	877196	40.495	ng		99
77) Benzidine	19.74	184	225528	22.835	ng		97
78) Pyrene	19.92	202	872612	43.146	ng		99
80) Butylbenzylphthalate	20.79	149	367047	46.844	ng		95
81) Benzo(a)anthracene	21.79	228	836013	42.859	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	154524	21.698	ng		98
83) Chrysene	21.85	228	778344	41.159	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	503889	45.763	ng		99
85) Di-n-octyl phthalate	22.90	149	853456	46.813	ng		95
86) Indeno(1,2,3-cd)pyrene	29.04	276	924776	43.107	ng		98
88) Benzo(b)fluoranthene	24.09	252	810324	44.283	ng		99
89) Benzo(k)fluoranthene	24.16	252	775972	45.556	ng		99
90) Benzo(a)pyrene	25.01	252	791228	46.793	ng		99
91) Dibenzo(a,h)anthracene	29.11	278	749866	45.236	ng		98
92) Benzo(g,h,i)perylene	30.26	276	772358	46.392	ng		97

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

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