Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
Data File : BG039906.D
Acq On : 13 Mar 2019 17:24
Operator : JU/SJ
Sample : PB117884BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117884BS

Manual Integrations APPROVED
Sohil
3/14/2019 11:12:11 AM

Quant Time: Mar 14 04:30:12 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	43806	20.00	ng		-0.03
21) Naphthalene-d8	10.97	136	176039	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	118902	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	289578	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	301118	20.00	ng		-0.02
87) Perylene-d12	25.17	264	305915	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	340573	132.63	ng		-0.02
7) Phenol-d6	7.29	99	474568	123.95	ng		-0.02
23) Nitrobenzene-d5	9.33	82	282592	86.82	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	188658	136.13	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	683202	81.81	ng		-0.02
79) Terphenyl-d14	20.11	244	1114760	81.51	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	39013	32.910	ng		96
3) Pyridine	3.98	79	108475	34.180	ng		98
4) n-Nitrosodimethylamine	3.90	42	60510	40.191	ng		91
6) Aniline	7.47	93	100418	20.019	ng		99
8) 2-Chlorophenol	7.71	128	118433	38.018	ng		95
9) Benzaldehyde	7.29	77	55227	22.362	ng		94
10) Phenol	7.32	94	158537	38.223	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	116255	35.950	ng		96
12) 1,3-Dichlorobenzene	8.03	146	128767	36.549	ng		99
13) 1,4-Dichlorobenzene	8.18	146	131845	36.739	ng		99
14) 1,2-Dichlorobenzene	8.50	146	124563	35.925	ng		99
15) Benzyl Alcohol	8.39	79	113731	37.447	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	234315	36.229	ng		99
17) 2-Methylphenol	8.58	107	104385	39.469	ng		97
18) Hexachloroethane	9.23	117	48332	37.535	ng		98
19) n-Nitroso-di-n-propylamine	8.95	70	92754	33.658	ng		97
20) 3+4-Methylphenols	8.91	107	143078	38.942	ng		98
22) Acetophenone	8.97	105	177648	37.599	ng	#	94
24) Nitrobenzene	9.37	77	141150	41.337	ng		97
25) Isophorone	9.88	82	267481	39.220	ng		100
26) 2-Nitrophenol	10.08	139	69913	42.406	ng		95
27) 2,4-Dimethylphenol	10.12	122	117916	45.987	ng		97
28) bis(2-Chloroethoxy)methane	10.36	93	162559	39.222	ng		97
29) 2,4-Dichlorophenol	10.61	162	128745	44.596	ng		97
30) 1,2,4-Trichlorobenzene	10.82	180	132262	40.715	ng		99
31) Naphthalene	11.02	128	373796	40.105	ng		98
32) Benzoic acid	10.25	122	66360	39.110	ng		93
33) 4-Chloroaniline	11.13	127	46844	11.852	ng		98
34) Hexachlorobutadiene	11.28	225	90051	40.566	ng		97
35) Caprolactam	11.91	113	44406m	40.267	ng		
36) 4-Chloro-3-methylphenol	12.23	107	140087	42.331	ng		97
37) 2-Methylnaphthalene	12.61	142	279047	40.045	ng		98
38) 1-Methylnaphthalene	12.83	142	266467	39.349	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	155845	38.689	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	220592	102.189	ng		97
43) 2,4,6-Trichlorophenol	13.21	196	105505	44.738	ng		100
44) 2,4,5-Trichlorophenol	13.28	196	116240	43.729	ng		98
46) 1,1'-Biphenyl	13.61	154	374325	38.276	ng		99
47) 2-Chloronaphthalene	13.66	162	293600	39.907	ng		98
48) 2-Nitroaniline	13.87	65	101402	42.888	ng		95
49) Acenaphthylene	14.50	152	470484	38.956	ng		99
50) Dimethylphthalate	14.22	163	398889	40.120	ng		99
51) 2,6-Dinitrotoluene	14.35	165	88437	41.958	ng		98
52) Acenaphthene	14.84	154	284040	39.075	ng		99
53) 3-Nitroaniline	14.69	138	36511	17.232	ng	#	89
54) 2,4-Dinitrophenol	14.89	184	106997	80.463	ng		99
55) Dibenzofuran	15.17	168	471498	39.534	ng		98
56) 4-Nitrophenol	14.98	139	154026	81.265	ng		93
57) 2,4-Dinitrotoluene	15.14	165	127242	42.963	ng		89
58) Fluorene	15.82	166	374143	39.906	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	113619	43.766	ng		99
60) Diethylphthalate	15.57	149	409009	41.556	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	201254	40.226	ng		98
62) 4-Nitroaniline	15.85	138	94088	40.962	ng		95
63) Azobenzene	16.10	77	359430	40.287	ng		98
65) 4,6-Dinitro-2-methylphenol	15.89	198	79971	46.707	ng		99
66) n-Nitrosodiphenylamine	16.02	169	346303	41.308	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	130277	40.192	ng		98
68) Hexachlorobenzene	16.81	284	135287	40.265	ng		95
69) Atrazine	16.96	200	131271	39.787	ng		98
70) Pentachlorophenol	17.16	266	188447	88.809	ng		98
71) Phenanthrene	17.56	178	642753	40.297	ng		100
72) Anthracene	17.66	178	646315	41.581	ng		99
73) Carbazole	17.93	167	572557	40.860	ng		99
74) Di-n-butylphthalate	18.45	149	716399	43.453	ng		99
75) Fluoranthene	19.57	202	779536	41.354	ng		99
77) Benzidine	19.74	184	196780	20.594	ng		99
78) Pyrene	19.92	202	785173	40.128	ng		99
80) Butylbenzylphthalate	20.79	149	332069	43.805	ng		94
81) Benzo(a)anthracene	21.79	228	763931	40.480	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	126702	18.389	ng		98
83) Chrysene	21.86	228	714570	39.056	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	468005	43.933	ng		99
85) Di-n-octyl phthalate	22.90	149	805481	45.666	ng		96
86) Indeno(1,2,3-cd)pyrene	29.03	276	863582	41.607	ng		98
88) Benzo(b)fluoranthene	24.09	252	759059	41.610	ng		98
89) Benzo(k)fluoranthene	24.16	252	718949	42.339	ng		99
90) Benzo(a)pyrene	25.01	252	734546	43.575	ng		98
91) Dibenzo(a,h)anthracene	29.11	278	694493	42.025	ng		100
92) Benzo(g,h,i)perylene	30.26	276	714223	43.033	ng		97

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

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