Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038096.D
Acq On : 20 Nov 2018 22:04
Operator : JU/SJ
Sample : PB114966BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114966BSD

Manual Integrations APPROVED
Sohil
11/21/2018 3:23:15 PM

Quant Time: Nov 21 04:05:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	41692	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	175627	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	110034	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	254616	20.00	ng		0.00
76) Chrysene-d12	21.75	240	241506	20.00	ng		0.00
87) Perylene-d12	25.08	264	254436	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	357832	148.19	ng		0.00
7) Phenol-d6	7.24	99	480384	139.37	ng		0.00
23) Nitrobenzene-d5	9.27	82	223426	68.10	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	164955	131.45	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	487899	64.60	ng		0.00
79) Terphenyl-d14	20.07	244	766355	74.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	43686	38.302	ng		96
3) Pyridine	3.92	79	121227	37.259	ng		99
4) n-Nitrosodimethylamine	3.84	42	58090	49.213	ng		100
6) Aniline	7.41	93	152402	34.258	ng		99
8) 2-Chlorophenol	7.65	128	134300	47.932	ng		98
9) Benzaldehyde	7.23	77	74511	29.892	ng		92
10) Phenol	7.26	94	170096	46.589	ng		96
11) bis(2-Chloroethyl)ether	7.50	93	127708	42.846	ng		99
12) 1,3-Dichlorobenzene	7.97	146	136687	42.346	ng		98
13) 1,4-Dichlorobenzene	8.12	146	138738	42.549	ng		97
14) 1,2-Dichlorobenzene	8.44	146	133452	42.869	ng		97
15) Benzyl Alcohol	8.33	79	116995	46.908	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.60	45	245180	44.298	ng		98
17) 2-Methylphenol	8.52	107	118567	48.034	ng		99
18) Hexachloroethane	9.17	117	51233	43.174	ng		98
19) n-Nitroso-di-n-propylamine	8.89	70	100808	40.419	ng		99
20) 3+4-Methylphenols	8.85	107	157505	45.012	ng		99
22) Acetophenone	8.92	105	191058	43.723	ng	#	99
24) Nitrobenzene	9.31	77	152331	45.388	ng		97
25) Isophorone	9.82	82	279663	47.358	ng		97
26) 2-Nitrophenol	10.02	139	74332	44.364	ng		99
27) 2,4-Dimethylphenol	10.06	122	134647	53.337	ng		98
28) bis(2-Chloroethoxy)methane	10.30	93	171579	45.438	ng		95
29) 2,4-Dichlorophenol	10.55	162	133262	46.931	ng		100
30) 1,2,4-Trichlorobenzene	10.76	180	140198	44.060	ng		97
31) Naphthalene	10.96	128	404260	46.799	ng		100
32) Benzoic acid	10.19	122	70912m	44.749	ng		
33) 4-Chloroaniline	11.07	127	101044	25.147	ng		98
34) Hexachlorobutadiene	11.22	225	83499	42.638	ng		96
35) Caprolactam	11.85	113	46913m	41.276	ng		
36) 4-Chloro-3-methylphenol	12.17	107	143692	46.319	ng		98
37) 2-Methylnaphthalene	12.56	142	291897	47.043	ng		97
38) 1-Methylnaphthalene	12.77	142	279383	46.777	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	152311	41.424	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	195137	99.112	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	107742	43.002	ng		97
44) 2,4,5-Trichlorophenol	13.23	196	117588	44.604	ng		98
46) 1,1'-Biphenyl	13.55	154	372818	40.330	ng		98
47) 2-Chloronaphthalene	13.60	162	295106	41.835	ng		99
48) 2-Nitroaniline	13.81	65	102541	46.188	ng		95
49) Acenaphthylene	14.45	152	489301	46.127	ng		100
50) Dimethylphthalate	14.17	163	373785	42.849	ng		99
51) 2,6-Dinitrotoluene	14.30	165	86372	43.748	ng		96
52) Acenaphthene	14.79	154	280873	43.982	ng		97
53) 3-Nitroaniline	14.64	138	71126	32.648	ng	#	94
54) 2,4-Dinitrophenol	14.84	184	80820	76.331	ng		93
55) Dibenzofuran	15.12	168	453337	42.931	ng		97
56) 4-Nitrophenol	14.93	139	149491	88.971	ng		94
57) 2,4-Dinitrotoluene	15.09	165	123375	45.929	ng		98
58) Fluorene	15.77	166	363225	46.102	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	102284	46.367	ng		97
60) Diethylphthalate	15.52	149	391462	42.250	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	188953	40.986	ng		99
62) 4-Nitroaniline	15.80	138	98114	45.335	ng		97
63) Azobenzene	16.05	77	367610	44.375	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	63990	39.734	ng		99
66) n-Nitrosodiphenylamine	15.97	169	332280	43.137	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	116077	41.536	ng		96
68) Hexachlorobenzene	16.76	284	122067	42.317	ng		97
69) Atrazine	16.92	200	125231	44.103	ng		100
70) Pentachlorophenol	17.11	266	137026	69.942	ng		96
71) Phenanthrene	17.51	178	609439	46.751	ng		99
72) Anthracene	17.60	178	624550	48.603	ng		99
73) Carbazole	17.88	167	567917	44.050	ng		99
74) Di-n-butylphthalate	18.41	149	681849	47.114	ng		100
75) Fluoranthene	19.52	202	733430	49.313	ng		100
77) Benzidine	19.70	184	344148	40.611	ng		100
78) Pyrene	19.88	202	728184	46.117	ng		99
80) Butylbenzylphthalate	20.75	149	316329	45.811	ng		97
81) Benzo(a)anthracene	21.73	228	690891	47.339	ng		100
82) 3,3'-Dichlorobenzidine	21.64	252	183181	32.222	ng		97
83) Chrysene	21.80	228	642596	46.019	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	445215	45.211	ng		99
85) Di-n-octyl phthalate	22.84	149	767045	48.147	ng		99
86) Indeno(1,2,3-cd)pyrene	28.88	276	755554	48.718	ng		99
88) Benzo(b)fluoranthene	24.01	252	667896	47.701	ng		99
89) Benzo(k)fluoranthene	24.08	252	647404	46.858	ng		99
90) Benzo(a)pyrene	24.92	252	664924	49.691	ng		98
91) Dibenzo(a,h)anthracene	28.95	278	619572	48.122	ng		97
92) Benzo(g,h,i)perylene	30.08	276	619766	48.412	ng		99

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

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