Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112618\
Data File : BG038151.D
Acq On : 27 Nov 2018 1:20
Operator : JU/SJ
Sample : PB115042BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115042BS

Manual Integrations APPROVED
mohammad
11/27/2018 2:06:05 PM

Quant Time: Nov 27 07:22:48 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	44499	20.00	ng		0.00
21) Naphthalene-d8	10.91	136	196110	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	120318	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	283509	20.00	ng		0.00
76) Chrysene-d12	21.76	240	265099	20.00	ng		0.00
87) Perylene-d12	25.09	264	262990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	395569	153.48	ng		0.00
7) Phenol-d6	7.24	99	528595	143.68	ng		0.01
23) Nitrobenzene-d5	9.26	82	252335	68.88	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	188007	137.01	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	539007	65.26	ng		0.00
79) Terphenyl-d14	20.07	244	838363	74.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	40956	33.643	ng	#	94
3) Pyridine	3.92	79	115106	33.146	ng		96
4) n-Nitrosodimethylamine	3.84	42	64908	51.520	ng		95
6) Aniline	7.41	93	168154	35.414	ng		97
8) 2-Chlorophenol	7.65	128	145514	48.658	ng		100
9) Benzaldehyde	7.22	77	61564	23.140	ng		100
10) Phenol	7.27	94	189944	48.743	ng		97
11) bis(2-Chloroethyl)ether	7.51	93	139165	43.744	ng		98
12) 1,3-Dichlorobenzene	7.97	146	143165	41.555	ng		97
13) 1,4-Dichlorobenzene	8.12	146	149163	42.861	ng		100
14) 1,2-Dichlorobenzene	8.44	146	142614	42.922	ng		98
15) Benzyl Alcohol	8.33	79	128605	48.310	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	285392	48.311	ng		98
17) 2-Methylphenol	8.52	107	128814	48.894	ng		98
18) Hexachloroethane	9.17	117	54747	43.225	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	112562	42.284	ng		99
20) 3+4-Methylphenols	8.85	107	177743	47.591	ng		98
22) Acetophenone	8.92	105	210163	43.072	ng	#	99
24) Nitrobenzene	9.31	77	170677	45.542	ng		96
25) Isophorone	9.82	82	316699	48.028	ng		98
26) 2-Nitrophenol	10.02	139	83767	44.773	ng		95
27) 2,4-Dimethylphenol	10.06	122	147743	52.412	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	189819	45.018	ng		95
29) 2,4-Dichlorophenol	10.55	162	150599	47.497	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	151942	42.764	ng		96
31) Naphthalene	10.96	128	445617	46.199	ng		99
32) Benzoic acid	10.21	122	91790m	49.910	ng		
33) 4-Chloroaniline	11.07	127	113596	25.318	ng		98
34) Hexachlorobutadiene	11.22	225	90169	41.235	ng		95
35) Caprolactam	11.87	113	53814m	42.402	ng		
36) 4-Chloro-3-methylphenol	12.18	107	162368	46.873	ng		96
37) 2-Methylnaphthalene	12.55	142	326177	47.077	ng		97
38) 1-Methylnaphthalene	12.78	142	312532	46.862	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	168513	41.913	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	192861	89.583	ng		97
43) 2,4,6-Trichlorophenol	13.16	196	122853	44.842	ng		97
44) 2,4,5-Trichlorophenol	13.23	196	130219	45.173	ng		97
46) 1,1'-Biphenyl	13.56	154	414118	40.969	ng		99
47) 2-Chloronaphthalene	13.61	162	331085	42.924	ng		99
48) 2-Nitroaniline	13.82	65	114596	47.206	ng		93
49) Acenaphthylene	14.45	152	543386	46.847	ng		100
50) Dimethylphthalate	14.18	163	423486	44.398	ng		99
51) 2,6-Dinitrotoluene	14.30	165	97610	45.215	ng		97
52) Acenaphthene	14.79	154	313694	44.923	ng		99
53) 3-Nitroaniline	14.64	138	79077	33.195	ng	#	99
54) 2,4-Dinitrophenol	14.85	184	90345	77.826	ng		88
55) Dibenzofuran	15.12	168	505802	43.805	ng		97
56) 4-Nitrophenol	14.94	139	165743	90.212	ng		94
57) 2,4-Dinitrotoluene	15.09	165	136594	46.504	ng		98
58) Fluorene	15.77	166	405323	47.048	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	119219	49.425	ng		98
60) Diethylphthalate	15.53	149	439058	43.337	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	212701	42.194	ng		99
62) 4-Nitroaniline	15.81	138	108542	45.867	ng		95
63) Azobenzene	16.05	77	407387	44.973	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	75491	42.098	ng		97
66) n-Nitrosodiphenylamine	15.97	169	368950	43.017	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	134025	43.070	ng		97
68) Hexachlorobenzene	16.77	284	136239	42.416	ng		98
69) Atrazine	16.92	200	139861	44.235	ng		98
70) Pentachlorophenol	17.11	266	170054	77.955	ng		98
71) Phenanthrene	17.51	178	673822	46.422	ng		100
72) Anthracene	17.61	178	689228	48.170	ng		99
73) Carbazole	17.88	167	628634	43.791	ng		99
74) Di-n-butylphthalate	18.41	149	758169	47.049	ng		99
75) Fluoranthene	19.52	202	803639	48.526	ng		99
77) Benzidine	19.70	184	342097	36.776	ng		98
78) Pyrene	19.89	202	799356	46.119	ng		98
80) Butylbenzylphthalate	20.76	149	352142	46.458	ng		97
81) Benzo(a)anthracene	21.74	228	761616	47.541	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	198090	31.743	ng		99
83) Chrysene	21.81	228	706418	46.087	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	495807	45.868	ng		100
85) Di-n-octyl phthalate	22.85	149	849162	48.558	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	818049	48.053	ng	#	91
88) Benzo(b)fluoranthene	24.02	252	754657	52.144	ng		99
89) Benzo(k)fluoranthene	24.09	252	716668	50.184	ng		98
90) Benzo(a)pyrene	24.93	252	729552	52.747	ng		98
91) Dibenzo(a,h)anthracene	28.97	278	660815	49.656	ng		98
92) Benzo(g,h,i)perylene	30.12	276	677280	51.184	ng		98

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

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