Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
Data File : BG038381.D
Acq On : 6 Dec 2018 12:52
Operator : JU/SJ
Sample : PB115178BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115178BS

Manual Integrations APPROVED
mohammad
12/7/2018 12:20:51 PM

Quant Time: Dec 06 14:31:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	27563	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	211721	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	82994	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	205240	20.00	ng	0.00
76) Chrysene-d12	21.74	240	197152	20.00	ng	0.00
87) Perylene-d12	25.04	264	172003	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	244240	156.81	ng	0.00
7) Phenol-d6	7.22	99	490203	217.75	ng	0.00
23) Nitrobenzene-d5	9.25	82	154636	36.26	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	145328	142.64	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	581637	99.86	ng	0.00
79) Terphenyl-d14	20.05	244	664430	72.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	22850	32.009	ng	# 86
3) Pyridine	3.91	79	94502	44.250	ng	99
4) n-Nitrosodimethylamine	3.82	42	51262	54.798	ng	96
6) Aniline	7.40	93	113650	39.527	ng	98
8) 2-Chlorophenol	7.63	128	93743	51.823	ng	97
9) Benzaldehyde	7.21	77	36870	25.864	ng	98
10) Phenol	7.25	94	139232	58.537	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	94197	48.356	ng	96
12) 1,3-Dichlorobenzene	7.95	146	88565	41.891	ng	98
13) 1,4-Dichlorobenzene	8.11	146	88102	40.276	ng	98
14) 1,2-Dichlorobenzene	8.42	146	83203	41.637	ng	98
15) Benzyl Alcohol	8.31	79	85301	46.089	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	188572	42.559	ng	98
17) 2-Methylphenol	8.51	107	77572	47.712	ng	89
18) Hexachloroethane	9.15	117	33495	42.425	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	68889	41.973	ng	92
20) 3+4-Methylphenols	8.84	107	108704	45.365	ng	97
22) Acetophenone	8.90	105	128804	24.174	ng	# 96
24) Nitrobenzene	9.29	77	104237	24.059	ng	94
25) Isophorone	9.80	82	224667	29.979	ng	98
26) 2-Nitrophenol	10.00	139	70484	35.110	ng	94
27) 2,4-Dimethylphenol	10.05	122	121550	42.155	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	179785	41.847	ng	97
29) 2,4-Dichlorophenol	10.53	162	160501	48.763	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	156708	40.558	ng	98
31) Naphthalene	10.94	128	481799	47.640	ng	99
32) Benzoic acid	10.19	122	68197	34.771	ng	93
33) 4-Chloroaniline	11.06	127	119312	26.650	ng	96
34) Hexachlorobutadiene	11.20	225	85642	35.430	ng	98
35) Caprolactam	11.84	113	62445m	45.877	ng	
36) 4-Chloro-3-methylphenol	12.16	107	177111	48.430	ng	97
37) 2-Methylnaphthalene	12.54	142	359746	49.949	ng	98
38) 1-Methylnaphthalene	12.76	142	344359	49.921	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	171462	60.040	ng	99

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Quant Time: Dec 06 14:31:33 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	176382	112.389	ng		99
43) 2,4,6-Trichlorophenol	13.14	196	129183	69.830	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	139101	70.977	ng		99
46) 1,1'-Biphenyl	13.54	154	453530	64.648	ng		99
47) 2-Chloronaphthalene	13.59	162	352679	66.621	ng		99
48) 2-Nitroaniline	13.80	65	121731	68.541	ng		96
49) Acenaphthylene	14.43	152	456430	57.248	ng		100
50) Dimethylphthalate	14.16	163	446073	67.010	ng		100
51) 2,6-Dinitrotoluene	14.29	165	94752	62.311	ng		95
52) Acenaphthene	14.77	154	210640	43.337	ng		99
53) 3-Nitroaniline	14.62	138	55944	34.160	ng	#	99
54) 2,4-Dinitrophenol	14.83	184	87834	105.371	ng	#	84
55) Dibenzofuran	15.10	168	350074	43.566	ng		96
56) 4-Nitrophenol	14.92	139	116332	89.923	ng		83
57) 2,4-Dinitrotoluene	15.08	165	98139	46.793	ng		91
58) Fluorene	15.76	166	279094	47.145	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	81414	47.831	ng		98
60) Diethylphthalate	15.51	149	313733	42.540	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	151142	42.505	ng		100
62) 4-Nitroaniline	15.79	138	74508	46.256	ng		85
63) Azobenzene	16.03	77	280130	43.402	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	59557	44.288	ng		94
66) n-Nitrosodiphenylamine	15.96	169	258805	44.843	ng		96
67) 4-Bromophenyl-phenylether	16.64	248	100956	45.550	ng		99
68) Hexachlorobenzene	16.75	284	103992	45.489	ng		98
69) Atrazine	16.90	200	100618	46.722	ng		96
70) Pentachlorophenol	17.10	266	122210	78.047	ng		92
71) Phenanthrene	17.50	178	487623	47.442	ng		98
72) Anthracene	17.59	178	497803	50.013	ng		99
73) Carbazole	17.87	167	451870	45.741	ng		99
74) Di-n-butylphthalate	18.39	149	545208	47.241	ng		98
75) Fluoranthene	19.51	202	603432	50.250	ng		97
77) Benzidine	19.69	184	163397	24.561	ng		98
78) Pyrene	19.87	202	598503	43.388	ng		97
80) Butylbenzylphthalate	20.73	149	249106	44.899	ng		96
81) Benzo(a)anthracene	21.71	228	567717	46.852	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	161174	34.193	ng		97
83) Chrysene	21.78	228	529528	46.180	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	347660	44.210	ng		99
85) Di-n-octyl phthalate	22.81	149	629516	46.687	ng		98
86) Indeno(1,2,3-cd)pyrene	28.84	276	646051	49.576	ng		99
88) Benzo(b)fluoranthene	23.99	252	582229	59.908	ng		98
89) Benzo(k)fluoranthene	24.05	252	537282	55.507	ng		98
90) Benzo(a)pyrene	24.89	252	546853	58.009	ng		98
91) Dibenzo(a,h)anthracene	28.91	278	537978	60.170	ng		99
92) Benzo(g,h,i)perylene	30.04	276	539403	60.807	ng	#	93

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

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