Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
Data File : BG038292.D
Acq On : 1 Dec 2018 18:06
Operator : JU/SJ
Sample : PB115213BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115213BS

Manual Integrations APPROVED
mohammad
12/3/2018 5:13:25 PM

Quant Time: Dec 03 06:56:12 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	28404	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	122510	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	80555	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	200077	20.00	ng	-0.01
76) Chrysene-d12	21.75	240	189871	20.00	ng	0.00
87) Perylene-d12	25.06	264	205225	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	201228	122.32	ng	-0.01
7) Phenol-d6	7.23	99	278878	118.76	ng	0.00
23) Nitrobenzene-d5	9.26	82	177772	77.68	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	116265	126.55	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	407339	73.67	ng	-0.01
79) Terphenyl-d14	20.06	244	706829	87.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	25671	33.036	ng	# 95
3) Pyridine	3.91	79	70379	31.751	ng	93
4) n-Nitrosodimethylamine	3.83	42	42568	52.934	ng	87
6) Aniline	7.41	93	46952	15.491	ng	99
8) 2-Chlorophenol	7.63	128	82939	43.449	ng	98
9) Benzaldehyde	7.22	77	46248	27.233	ng	93
10) Phenol	7.25	94	107717	43.306	ng	89
11) bis(2-Chloroethyl)ether	7.49	93	75143	37.004	ng	100
12) 1,3-Dichlorobenzene	7.96	146	81480	37.052	ng	98
13) 1,4-Dichlorobenzene	8.11	146	83590	37.629	ng	98
14) 1,2-Dichlorobenzene	8.43	146	80451	37.933	ng	99
15) Benzyl Alcohol	8.32	79	76814	45.206	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.60	45	171292	45.427	ng	96
17) 2-Methylphenol	8.51	107	73429	43.664	ng	97
18) Hexachloroethane	9.16	117	31547	39.021	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	64715	38.086	ng	91
20) 3+4-Methylphenols	8.84	107	101667	42.647	ng	96
22) Acetophenone	8.90	105	121287	39.791	ng	# 93
24) Nitrobenzene	9.30	77	97206	41.520	ng	94
25) Isophorone	9.81	82	183574	44.565	ng	98
26) 2-Nitrophenol	10.01	139	45383	38.830	ng	91
27) 2,4-Dimethylphenol	10.05	122	86318	49.018	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	107499	40.811	ng	96
29) 2,4-Dichlorophenol	10.54	162	86558	43.700	ng	96
30) 1,2,4-Trichlorobenzene	10.75	180	86516	38.978	ng	98
31) Naphthalene	10.95	128	255470	42.397	ng	99
32) Benzoic acid	10.18	122	38034	37.258	ng	96
33) 4-Chloroaniline	11.07	127	22352	7.975	ng	94
34) Hexachlorobutadiene	11.21	225	52139	38.168	ng	96
35) Caprolactam	11.84	113	33607m	42.389	ng	
36) 4-Chloro-3-methylphenol	12.16	107	96617	44.648	ng	96
37) 2-Methylnaphthalene	12.55	142	188542	43.561	ng	97
38) 1-Methylnaphthalene	12.76	142	179761	43.147	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	101171	37.585	ng	98

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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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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	127412	88.395	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	73489	40.064	ng		98
44) 2,4,5-Trichlorophenol	13.22	196	81950	42.461	ng		95
46) 1,1'-Biphenyl	13.55	154	245468	36.272	ng		99
47) 2-Chloronaphthalene	13.59	162	195151	37.789	ng		99
48) 2-Nitroaniline	13.80	65	70586	43.429	ng		96
49) Acenaphthylene	14.44	152	330696	42.584	ng		99
50) Dimethylphthalate	14.16	163	267038	41.815	ng		98
51) 2,6-Dinitrotoluene	14.30	165	61105	42.276	ng		96
52) Acenaphthene	14.78	154	188250	40.266	ng		99
53) 3-Nitroaniline	14.63	138	16512	10.353	ng	#	90
54) 2,4-Dinitrophenol	14.83	184	71561	90.374	ng	#	85
55) Dibenzofuran	15.11	168	309262	40.005	ng		96
56) 4-Nitrophenol	14.93	139	103381	84.044	ng		84
57) 2,4-Dinitrotoluene	15.08	165	87596	44.543	ng		95
58) Fluorene	15.76	166	251329	43.573	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	73066	45.243	ng		97
60) Diethylphthalate	15.51	149	284757	41.980	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	133633	39.594	ng		96
62) 4-Nitroaniline	15.80	138	65052	41.058	ng		92
63) Azobenzene	16.04	77	258573	42.635	ng		95
65) 4,6-Dinitro-2-methylphenol	15.84	198	52700	41.644	ng		93
66) n-Nitrosodiphenylamine	15.97	169	230176	38.028	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	84747	38.591	ng		97
68) Hexachlorobenzene	16.75	284	88715	39.138	ng		99
69) Atrazine	16.91	200	93025	41.691	ng		99
70) Pentachlorophenol	17.10	266	106616	69.254	ng		96
71) Phenanthrene	17.51	178	438881	42.844	ng		99
72) Anthracene	17.59	178	444832	44.054	ng		100
73) Carbazole	17.87	167	410032	40.474	ng		98
74) Di-n-butylphthalate	18.40	149	497251	43.725	ng		99
75) Fluoranthene	19.51	202	534292	45.716	ng		98
77) Benzidine	19.70	184	131639	19.758	ng		98
78) Pyrene	19.87	202	533337	42.963	ng		100
80) Butylbenzylphthalate	20.74	149	228519	42.094	ng		99
81) Benzo(a)anthracene	21.72	228	504327	43.954	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	69289	15.502	ng		96
83) Chrysene	21.79	228	463620	42.231	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	318704	41.166	ng		99
85) Di-n-octyl phthalate	22.83	149	545088	43.520	ng		98
86) Indeno(1,2,3-cd)pyrene	28.86	276	557064	45.688	ng		98
88) Benzo(b)fluoranthene	24.00	252	497996	44.095	ng		99
89) Benzo(k)fluoranthene	24.07	252	481512	43.208	ng		99
90) Benzo(a)pyrene	24.90	252	480510	44.520	ng		98
91) Dibenzo(a,h)anthracene	28.92	278	460390	44.333	ng		98
92) Benzo(g,h,i)perylene	30.06	276	464086	44.944	ng		97

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

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