Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038336.D
Acq On : 4 Dec 2018 22:36
Operator : JU/SJ
Sample : J5764-22MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-113018-AMSD

Manual Integrations APPROVED
mohammad
12/6/2018 10:32:33 AM

Quant Time: Dec 05 03:34:03 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	28503	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	121562	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	80450	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	247381	20.00	ng	0.00
76) Chrysene-d12	21.74	240	185435	20.00	ng	0.00
87) Perylene-d12	25.05	264	199805	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	186303	115.67	ng	0.00
7) Phenol-d6	7.22	99	243470	104.59	ng	0.00
23) Nitrobenzene-d5	9.25	82	216972	88.61	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	129713	131.34	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	431903	76.50	ng	0.00
79) Terphenyl-d14	20.06	244	760745	87.89	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	23375	31.665	ng	# 1
3) Pyridine	3.92	79	75666	34.262	ng	98
4) n-Nitrosodimethylamine	3.83	42	49933	51.617	ng	96
6) Aniline	7.40	93	56305	18.937	ng	98
8) 2-Chlorophenol	7.63	128	87075	46.549	ng	97
9) Benzaldehyde	7.21	77	45766	31.046	ng	97
10) Phenol	7.25	94	95708	38.911	ng	88
11) bis(2-Chloroethyl)ether	7.49	93	82832	41.120	ng	96
12) 1,3-Dichlorobenzene	7.96	146	88327	40.401	ng	99
13) 1,4-Dichlorobenzene	8.11	146	88988	39.339	ng	99
14) 1,2-Dichlorobenzene	8.43	146	86977	42.201	ng	100
15) Benzyl Alcohol	8.31	79	83365	43.558	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	185204	40.420	ng	97
17) 2-Methylphenol	8.51	107	76722	45.333	ng	97
18) Hexachloroethane	9.15	117	36829	45.110	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	71560	42.173	ng	94
20) 3+4-Methylphenols	8.84	107	105513	42.581	ng	98
22) Acetophenone	8.90	105	133873	46.015	ng	# 97
24) Nitrobenzene	9.29	77	122821	49.373	ng	98
25) Isophorone	9.81	82	260676	60.581	ng	98
26) 2-Nitrophenol	10.00	139	56717	49.206	ng	91
27) 2,4-Dimethylphenol	10.05	122	97543	58.919	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	121412	49.220	ng	99
29) 2,4-Dichlorophenol	10.53	162	94404	49.954	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	92727	41.798	ng	99
31) Naphthalene	10.95	128	277886	47.856	ng	99
32) Benzoic acid	10.18	122	43638	38.206	ng	95
33) 4-Chloroaniline	11.07	127	10542	4.101	ng	99
34) Hexachlorobutadiene	11.20	225	56769	40.904	ng	96
35) Caprolactam	11.84	113	38377m	49.106	ng	
36) 4-Chloro-3-methylphenol	12.16	107	139645	66.506	ng	99
37) 2-Methylnaphthalene	12.54	142	210158	50.821	ng	97
38) 1-Methylnaphthalene	12.76	142	201656	50.915	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	114516	41.367	ng	98

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Quant Time: Dec 05 03:34:03 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)
41) Hexachlorocyclopentadiene	12.87	237	131597	86.504	ng		97
43) 2,4,6-Trichlorophenol	13.14	196	84099	46.897	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	94248	49.611	ng		97
46) 1,1'-Biphenyl	13.54	154	279937	41.165	ng		99
47) 2-Chloronaphthalene	13.59	162	219447	42.765	ng		99
48) 2-Nitroaniline	13.80	65	81509	47.345	ng		98
49) Acenaphthylene	14.44	152	374265	48.427	ng		99
50) Dimethylphthalate	14.16	163	311130	48.216	ng		100
51) 2,6-Dinitrotoluene	14.29	165	71349	48.405	ng		96
52) Acenaphthene	14.78	154	216578	45.968	ng		97
53) 3-Nitroaniline	14.62	138	21623	13.621	ng	#	93
54) 2,4-Dinitrophenol	14.83	184	93940	116.260	ng	#	82
55) Dibenzofuran	15.11	168	353718	45.412	ng		98
56) 4-Nitrophenol	14.92	139	106041	84.560	ng		85
57) 2,4-Dinitrotoluene	15.08	165	100676	49.521	ng	#	97
58) Fluorene	15.76	166	291496	50.797	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	85603	51.882	ng		98
60) Diethylphthalate	15.51	149	328068	45.891	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	159964	46.409	ng		99
62) 4-Nitroaniline	15.79	138	72528	46.451	ng		92
63) Azobenzene	16.03	77	294556	47.080	ng		96
65) 4,6-Dinitro-2-methylphenol	15.83	198	63871	39.405	ng		94
66) n-Nitrosodiphenylamine	15.96	169	267954	38.519	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	100981	37.800	ng		98
68) Hexachlorobenzene	16.75	284	104103	37.780	ng		99
69) Atrazine	16.90	200	111377	42.907	ng		97
70) Pentachlorophenol	17.10	266	157674	83.543	ng		97
71) Phenanthrene	17.50	178	559644	45.174	ng		99
72) Anthracene	17.59	178	520965	43.424	ng		99
73) Carbazole	17.87	167	466101	39.144	ng		99
74) Di-n-butylphthalate	18.40	149	616816	44.341	ng		98
75) Fluoranthene	19.51	202	604907	41.792	ng		97
77) Benzidine	19.69	184	63937	10.218	ng		99
78) Pyrene	19.87	202	603922	46.547	ng		99
80) Butylbenzylphthalate	20.74	149	249209	47.756	ng		97
81) Benzo(a)anthracene	21.72	228	566891	49.740	ng		99
82) 3,3'-Dichlorobenzidine	21.63	252	85329	19.246	ng		96
83) Chrysene	21.79	228	525867	48.759	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	349371	47.235	ng		98
85) Di-n-octyl phthalate	22.82	149	790658	62.342	ng		99
86) Indeno(1,2,3-cd)pyrene	28.85	276	725381	59.181	ng		97
88) Benzo(b)fluoranthene	23.99	252	561099	49.700	ng		99
89) Benzo(k)fluoranthene	24.06	252	532269	47.338	ng		98
90) Benzo(a)pyrene	24.89	252	539883	49.301	ng	#	98
91) Dibenzo(a,h)anthracene	28.91	278	565927	54.488	ng		98
92) Benzo(g,h,i)perylene	30.04	276	525945	51.040	ng		95

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

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