Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038176.D
Acq On : 27 Nov 2018 20:56
Operator : JU/SJ
Sample : J5770-06MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-112118-AMS

Manual Integrations APPROVED
mohammad
11/28/2018 4:57:32 PM

Quant Time: Nov 28 04:59:26 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	8.09	152	42127	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	180642	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	113296	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	261529	20.00	ng	0.00
76) Chrysene-d12	21.76	240	236908	20.00	ng	0.00
87) Perylene-d12	25.09	264	249113	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	272769	111.79	ng	0.00
7) Phenol-d6	7.24	99	352070	101.09	ng	0.01
23) Nitrobenzene-d5	9.27	82	268087	79.44	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	146644	113.49	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	529602	68.10	ng	0.00
79) Terphenyl-d14	20.07	244	892507	88.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	38901	33.754	ng	# 35
3) Pyridine	3.94	79	111494	33.914	ng	96
4) n-Nitrosodimethylamine	3.85	42	62643	52.522	ng	95
6) Aniline	7.42	93	44594	9.921	ng	98
8) 2-Chlorophenol	7.65	128	140475	49.618	ng	98
9) Benzaldehyde	7.23	77	57278	22.741	ng	98
10) Phenol	7.27	94	155452	42.138	ng	96
11) bis(2-Chloroethyl)ether	7.51	93	138244	45.902	ng	99
12) 1,3-Dichlorobenzene	7.98	146	138675	42.519	ng	98
13) 1,4-Dichlorobenzene	8.12	146	141269	42.878	ng	99
14) 1,2-Dichlorobenzene	8.44	146	137595	43.743	ng	99
15) Benzyl Alcohol	8.33	79	124996	49.598	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.61	45	284012	50.785	ng	97
17) 2-Methylphenol	8.52	107	122528	49.126	ng	97
18) Hexachloroethane	9.17	117	53176	44.348	ng	96
19) n-Nitroso-di-n-propylamine	8.89	70	115515	45.837	ng	94
20) 3+4-Methylphenols	8.85	107	168673	47.706	ng	97
22) Acetophenone	8.92	105	212711	47.327	ng	# 98
24) Nitrobenzene	9.31	77	170939	49.518	ng	95
25) Isophorone	9.82	82	321965	53.008	ng	97
26) 2-Nitrophenol	10.02	139	83365	48.374	ng	96
27) 2,4-Dimethylphenol	10.06	122	143521	55.274	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	191915	49.413	ng	95
29) 2,4-Dichlorophenol	10.55	162	149263	51.107	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	147974	45.213	ng	95
31) Naphthalene	10.96	128	436919	49.176	ng	98
32) Benzoic acid	10.17	122	41196m	30.642	ng	
33) 4-Chloroaniline	11.07	127	9571	2.316	ng	97
34) Hexachlorobutadiene	11.22	225	90193	44.777	ng	97
35) Caprolactam	11.86	113	37912m	32.430	ng	
36) 4-Chloro-3-methylphenol	12.18	107	164343	51.505	ng	96
37) 2-Methylnaphthalene	12.55	142	324436	50.836	ng	97
38) 1-Methylnaphthalene	12.78	142	308570	50.230	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	167719	44.301	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	176044	86.840	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	123698	47.949	ng		100
44) 2,4,5-Trichlorophenol	13.23	196	130291	47.999	ng		99
46) 1,1'-Biphenyl	13.56	154	414600	43.559	ng		99
47) 2-Chloronaphthalene	13.61	162	329399	45.352	ng		100
48) 2-Nitroaniline	13.82	65	116750	51.074	ng		99
49) Acenaphthylene	14.45	152	544939	49.893	ng		99
50) Dimethylphthalate	14.18	163	431833	48.079	ng		100
51) 2,6-Dinitrotoluene	14.30	165	100158	49.270	ng		96
52) Acenaphthene	14.79	154	317739	48.322	ng		98
53) 3-Nitroaniline	14.64	138	12683	5.654	ng	#	88
54) 2,4-Dinitrophenol	14.84	184	24815	29.277	ng		92
55) Dibenzofuran	15.12	168	510429	46.946	ng		98
56) 4-Nitrophenol	14.94	139	127930	73.947	ng		95
57) 2,4-Dinitrotoluene	15.09	165	137707	49.788	ng		98
58) Fluorene	15.77	166	411249	50.694	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	114416	50.373	ng		97
60) Diethylphthalate	15.53	149	444189	46.561	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	215039	45.302	ng		99
62) 4-Nitroaniline	15.80	138	101910	45.733	ng		95
63) Azobenzene	16.05	77	417991	49.003	ng		96
65) 4,6-Dinitro-2-methylphenol	15.85	198	34385	20.787	ng		93
66) n-Nitrosodiphenylamine	15.97	169	373284	47.180	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	136088	47.409	ng		100
68) Hexachlorobenzene	16.77	284	138538	46.757	ng		99
69) Atrazine	16.92	200	140020	48.007	ng		100
70) Pentachlorophenol	17.11	266	107961	53.650	ng		94
71) Phenanthrene	17.52	178	676740	50.541	ng		100
72) Anthracene	17.61	178	690396	52.307	ng		98
73) Carbazole	17.88	167	623606	47.091	ng		99
74) Di-n-butylphthalate	18.41	149	749900	50.447	ng		98
75) Fluoranthene	19.52	202	788456	51.611	ng		100
77) Benzidine	19.70	184	65793	7.915	ng		98
78) Pyrene	19.89	202	802663	51.821	ng		99
80) Butylbenzylphthalate	20.75	149	347057	51.236	ng		97
81) Benzo(a)anthracene	21.74	228	747741	52.229	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	69539	12.469	ng		99
83) Chrysene	21.81	228	696910	50.877	ng		100
84) Bis(2-ethylhexyl)phthalate	21.61	149	482177	49.915	ng		100
85) Di-n-octyl phthalate	22.84	149	828057	52.986	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	758334	49.846	ng	#	95
88) Benzo(b)fluoranthene	24.02	252	739895	53.972	ng		100
89) Benzo(k)fluoranthene	24.09	252	713193	52.723	ng		99
90) Benzo(a)pyrene	24.93	252	723659	55.236	ng		98
91) Dibenzo(a,h)anthracene	28.97	278	591631	46.934	ng		99
92) Benzo(g,h,i)perylene	30.11	276	596947	47.626	ng		99

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

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