Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037689.D
Acq On : 31 Oct 2018 18:16
Operator : JU/SJ
Sample : J5737-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-AMS

Manual Integrations APPROVED
Sohil
11/1/2018 10:43:49 AM

Quant Time: Nov 01 07:09:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	64320	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	276839	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	186067	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	434718	20.00	ng		0.00
76) Chrysene-d12	21.77	240	389828	20.00	ng		0.00
87) Perylene-d12	25.10	264	405808	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	426064	110.75	ng		0.00
7) Phenol-d6	7.25	99	567375	97.53	ng		0.00
23) Nitrobenzene-d5	9.28	82	388835	78.68	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	236119	116.35	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	889118	72.06	ng		-0.01
79) Terphenyl-d14	20.08	244	1327593	72.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	58634	30.053	ng	#	88
3) Pyridine	3.94	79	167866	34.137	ng		91
4) n-Nitrosodimethylamine	3.85	42	80409	45.908	ng	#	91
6) Aniline	7.43	93	66706	9.399	ng		97
8) 2-Chlorophenol	7.66	128	205700	45.704	ng		99
9) Benzaldehyde	7.24	77	161980	44.511	ng		94
10) Phenol	7.27	94	239014	38.940	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	193092	41.419	ng		98
12) 1,3-Dichlorobenzene	7.98	146	197849	39.487	ng		99
13) 1,4-Dichlorobenzene	8.14	146	204339	39.869	ng		98
14) 1,2-Dichlorobenzene	8.46	146	193603	39.269	ng		98
15) Benzyl Alcohol	8.34	79	189564	44.100	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	351810	42.176	ng		98
17) 2-Methylphenol	8.54	107	182071	44.867	ng		100
18) Hexachloroethane	9.18	117	72180	41.310	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	163946	40.925	ng		95
20) 3+4-Methylphenols	8.87	107	253560	43.703	ng		97
22) Acetophenone	8.93	105	308425	44.422	ng	#	97
24) Nitrobenzene	9.32	77	234424	45.662	ng		95
25) Isophorone	9.84	82	466641	51.679	ng		99
26) 2-Nitrophenol	10.04	139	117981	51.013	ng		98
27) 2,4-Dimethylphenol	10.08	122	218341	52.875	ng		99
28) bis(2-Chloroethoxy)methane	10.32	93	279504	47.245	ng		98
29) 2,4-Dichlorophenol	10.56	162	226747	49.317	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	213718	42.745	ng		97
31) Naphthalene	10.98	128	640259	47.086	ng		99
32) Benzoic acid	10.20	122	108974	40.630	ng		99
33) 4-Chloroaniline	11.09	127	13580	2.126	ng		96
34) Hexachlorobutadiene	11.23	225	123590	41.707	ng		96
35) Caprolactam	11.87	113	65622m	35.587	ng		
36) 4-Chloro-3-methylphenol	12.19	107	246529	47.545	ng		99
37) 2-Methylnaphthalene	12.57	142	487139	49.146	ng		98
38) 1-Methylnaphthalene	12.79	142	463726	48.174	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	248107	41.340	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	251002	87.553	ng		95
43) 2,4,6-Trichlorophenol	13.17	196	192504	48.011	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	213034	48.799	ng		98
46) 1,1'-Biphenyl	13.57	154	632317	41.034	ng		99
47) 2-Chloronaphthalene	13.62	162	501343	43.004	ng		99
48) 2-Nitroaniline	13.83	65	172172	48.701	ng		94
49) Acenaphthylene	14.47	152	826970	47.156	ng		99
50) Dimethylphthalate	14.18	163	657824	45.700	ng		100
51) 2,6-Dinitrotoluene	14.32	165	153018	48.053	ng		91
52) Acenaphthene	14.80	154	484439	44.854	ng		98
53) 3-Nitroaniline	14.65	138	29237	8.271	ng	#	94
54) 2,4-Dinitrophenol	14.85	184	77653	63.649	ng		92
55) Dibenzofuran	15.14	168	778292	43.494	ng		100
56) 4-Nitrophenol	14.95	139	290119	110.874	ng		97
57) 2,4-Dinitrotoluene	15.10	165	210527	50.365	ng		96
58) Fluorene	15.78	166	632505	47.201	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	179447	48.009	ng		98
60) Diethylphthalate	15.54	149	672042	45.475	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	335546	42.961	ng		99
62) 4-Nitroaniline	15.81	138	157040	44.707	ng		90
63) Azobenzene	16.06	77	635314	45.058	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	86180	39.590	ng		99
66) n-Nitrosodiphenylamine	15.99	169	582533	44.548	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	210607	44.116	ng		99
68) Hexachlorobenzene	16.77	284	211634	42.774	ng		99
69) Atrazine	16.93	200	217914	46.092	ng		99
70) Pentachlorophenol	17.12	266	228070	68.817	ng		96
71) Phenanthrene	17.53	178	1029709	46.606	ng		99
72) Anthracene	17.61	178	1042634	48.088	ng		97
73) Carbazole	17.89	167	945347	43.588	ng		100
74) Di-n-butylphthalate	18.43	149	1133489	46.981	ng		100
75) Fluoranthene	19.53	202	1180265	47.100	ng		98
77) Benzidine	19.71	184	103797	7.831	ng		97
78) Pyrene	19.89	202	1181289	46.355	ng		99
80) Butylbenzylphthalate	20.76	149	515701	49.447	ng		96
81) Benzo(a)anthracene	21.75	228	1114380	48.329	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	98615	11.034	ng		99
83) Chrysene	21.82	228	1041210	46.961	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	720604	49.292	ng		97
85) Di-n-octyl phthalate	22.87	149	1209443	50.734	ng		98
86) Indeno(1,2,3-cd)pyrene	28.94	276	1079929	45.412	ng	#	90
88) Benzo(b)fluoranthene	24.04	252	1084025	48.725	ng		99
89) Benzo(k)fluoranthene	24.11	252	1047343	48.050	ng		96
90) Benzo(a)pyrene	24.95	252	1046665	49.510	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	831129	42.621	ng		97
92) Benzo(g,h,i)perylene	30.13	276	849724	43.070	ng		98

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

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