Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037739.D
Acq On : 2 Nov 2018 4:19
Operator : JU/SJ
Sample : J5192-06MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-103118-AMS

Manual Integrations APPROVED
Sohil
11/2/2018 11:29:45 AM

Quant Time: Nov 02 08:04:10 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	61177	20.00	ng		-0.01
21) Naphthalene-d8	10.92	136	275756	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	179051	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	406430	20.00	ng		0.00
76) Chrysene-d12	21.77	240	357404	20.00	ng		0.00
87) Perylene-d12	25.10	264	366584	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	428778	117.18	ng		0.00
7) Phenol-d6	7.25	99	574428	103.81	ng		0.00
23) Nitrobenzene-d5	9.28	82	412739	83.85	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	260762	133.53	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	963541	81.15	ng		-0.01
79) Terphenyl-d14	20.08	244	1426415	85.28	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	55944	30.147	ng	#	89
3) Pyridine	3.94	79	148693	31.791	ng		94
4) n-Nitrosodimethylamine	3.86	42	79284	47.591	ng		94
6) Aniline	7.43	93	138448	20.510	ng		97
8) 2-Chlorophenol	7.66	128	214394	50.083	ng		95
9) Benzaldehyde	7.24	77	115804	33.457	ng		96
10) Phenol	7.27	94	248073	42.492	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	206755	46.629	ng		93
12) 1,3-Dichlorobenzene	7.99	146	215795	45.281	ng		99
13) 1,4-Dichlorobenzene	8.14	146	218219	44.765	ng		99
14) 1,2-Dichlorobenzene	8.46	146	215362	45.926	ng		99
15) Benzyl Alcohol	8.34	79	196342	48.023	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	371322	46.802	ng		97
17) 2-Methylphenol	8.53	107	191860	49.709	ng		98
18) Hexachloroethane	9.18	117	78390	47.169	ng		87
19) n-Nitroso-di-n-propylamine	8.91	70	175195	45.980	ng		94
20) 3+4-Methylphenols	8.87	107	265060	48.033	ng		98
22) Acetophenone	8.93	105	334593	48.381	ng	#	98
24) Nitrobenzene	9.32	77	258708	50.590	ng		97
25) Isophorone	9.84	82	506601	56.325	ng		97
26) 2-Nitrophenol	10.03	139	126009	54.698	ng		96
27) 2,4-Dimethylphenol	10.07	122	233526	56.774	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	299954	50.901	ng		96
29) 2,4-Dichlorophenol	10.56	162	239787	52.358	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	241468	48.484	ng		99
31) Naphthalene	10.97	128	722512	53.344	ng		98
32) Benzoic acid	10.21	122	132505	49.598	ng		96
33) 4-Chloroaniline	11.09	127	25666	4.033	ng	#	90
34) Hexachlorobutadiene	11.23	225	143168	48.503	ng		98
35) Caprolactam	11.87	113	67947m	36.993	ng		
36) 4-Chloro-3-methylphenol	12.19	107	258268	50.005	ng		99
37) 2-Methylnaphthalene	12.57	142	548316	55.535	ng		99
38) 1-Methylnaphthalene	12.79	142	523499	54.597	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	288047	49.875	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	352381	127.732	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	204707	53.055	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	219832	52.329	ng		96
46) 1,1'-Biphenyl	13.57	154	705808	47.598	ng		98
47) 2-Chloronaphthalene	13.62	162	561363	50.039	ng		98
48) 2-Nitroaniline	13.83	65	183804	54.028	ng		91
49) Acenaphthylene	14.46	152	908894	53.859	ng		99
50) Dimethylphthalate	14.18	163	713740	51.527	ng		99
51) 2,6-Dinitrotoluene	14.31	165	163399	53.324	ng		95
52) Acenaphthene	14.80	154	541894	52.140	ng		99
53) 3-Nitroaniline	14.65	138	62088	18.252	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	138855	92.561	ng		92
55) Dibenzofuran	15.13	168	853365	49.558	ng		98
56) 4-Nitrophenol	14.94	139	310047	123.133	ng		99
57) 2,4-Dinitrotoluene	15.10	165	230850	57.391	ng		94
58) Fluorene	15.78	166	688695	53.408	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.35	232	190854	53.061	ng		99
60) Diethylphthalate	15.54	149	726070	51.057	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	369044	49.101	ng		99
62) 4-Nitroaniline	15.81	138	165294	48.900	ng		93
63) Azobenzene	16.06	77	682614	50.309	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	112858	52.045	ng		97
66) n-Nitrosodiphenylamine	15.99	169	629513	51.492	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	228694	51.239	ng		97
68) Hexachlorobenzene	16.78	284	232573	50.278	ng		97
69) Atrazine	16.93	200	188388	42.620	ng		100
70) Pentachlorophenol	17.12	266	275014	88.757	ng		97
71) Phenanthrene	17.53	178	1111943	53.831	ng		98
72) Anthracene	17.62	178	1117460	55.126	ng		97
73) Carbazole	17.89	167	1013907	50.003	ng		98
74) Di-n-butylphthalate	18.42	149	1201682	53.274	ng		99
75) Fluoranthene	19.53	202	1267228	54.091	ng		97
77) Benzidine	19.72	184	60824	5.005	ng		98
78) Pyrene	19.90	202	1259651	53.914	ng		98
80) Butylbenzylphthalate	20.76	149	559615	58.525	ng		100
81) Benzo(a)anthracene	21.75	228	1180970	55.864	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	153175	18.693	ng		99
83) Chrysene	21.82	228	1124755	55.331	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	780601	58.240	ng		97
85) Di-n-octyl phthalate	22.87	149	1304469	59.685	ng		98
86) Indeno(1,2,3-cd)pyrene	28.93	276	1084465	49.740	ng		99
88) Benzo(b)fluoranthene	24.04	252	1147416	57.092	ng		99
89) Benzo(k)fluoranthene	24.11	252	1145290	58.166	ng		97
90) Benzo(a)pyrene	24.95	252	1130818	59.214	ng		98
91) Dibenzo(a,h)anthracene	29.00	278	850108	48.258	ng		97
92) Benzo(g,h,i)perylene	30.13	276	850639	47.730	ng		99

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

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