Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037557.D
Acq On : 25 Oct 2018 22:53
Operator : JU/SJ
Sample : J5603-20MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MSD

Manual Integrations APPROVED
Sohil
10/26/2018 3:46:46 PM

Quant Time: Oct 26 08:32:48 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	8.11	152	68637	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	321481	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	210891	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	474768	20.00	ng		0.00
76) Chrysene-d12	21.77	240	405881	20.00	ng		0.00
87) Perylene-d12	25.10	264	422595	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	254002	61.87	ng		0.00
7) Phenol-d6	7.25	99	245454	39.54	ng		0.00
23) Nitrobenzene-d5	9.28	82	442890	77.17	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	265795	115.55	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	1002183	71.66	ng		0.00
79) Terphenyl-d14	20.08	244	1410085	74.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	27555	13.235	ng		99
3) Pyridine	3.93	79	65279	12.440	ng		93
4) n-Nitrosodimethylamine	3.85	42	39817	21.303	ng	#	96
6) Aniline	7.42	93	149424	19.730	ng		98
8) 2-Chlorophenol	7.67	128	187047	38.946	ng		100
9) Benzaldehyde	7.24	77	120559	31.045	ng		97
10) Phenol	7.27	94	115465	17.628	ng		96
11) bis(2-Chloroethyl)ether	7.52	93	208068	41.825	ng		96
12) 1,3-Dichlorobenzene	7.99	146	191293	35.777	ng		98
13) 1,4-Dichlorobenzene	8.14	146	195520	35.749	ng		99
14) 1,2-Dichlorobenzene	8.46	146	188247	35.781	ng		98
15) Benzyl Alcohol	8.34	79	135317	29.500	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.63	45	384760	43.225	ng		98
17) 2-Methylphenol	8.53	107	148819	34.367	ng		99
18) Hexachloroethane	9.19	117	68145	36.547	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	183802	42.996	ng		96
20) 3+4-Methylphenols	8.86	107	186526	30.127	ng		96
22) Acetophenone	8.93	105	336439	41.728	ng	#	98
24) Nitrobenzene	9.33	77	258627	43.381	ng		94
25) Isophorone	9.84	82	525334	50.100	ng		96
26) 2-Nitrophenol	10.03	139	125931	46.889	ng		98
27) 2,4-Dimethylphenol	10.07	122	217404	45.337	ng		99
28) bis(2-Chloroethoxy)methane	10.32	93	311979	45.412	ng		97
29) 2,4-Dichlorophenol	10.56	162	233708	43.773	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	219571	37.817	ng		99
31) Naphthalene	10.98	128	677707	42.919	ng		100
32) Benzoic acid	10.17	122	50647	16.261	ng		96
33) 4-Chloroaniline	11.08	127	117058	15.778	ng		97
34) Hexachlorobutadiene	11.24	225	122507	35.600	ng		95
35) Caprolactam	11.88	113	14961m	6.987	ng		
36) 4-Chloro-3-methylphenol	12.19	107	247339	41.077	ng		98
37) 2-Methylnaphthalene	12.57	142	532309	46.246	ng		99
38) 1-Methylnaphthalene	12.79	142	510758	45.692	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	273152	40.155	ng		99

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Quant Time: Oct 26 08:32:48 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	285814	87.961	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	209062	46.003	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	222271	44.922	ng		98
46) 1,1'-Biphenyl	13.57	154	698918	40.017	ng		99
47) 2-Chloronaphthalene	13.62	162	553586	41.896	ng		99
48) 2-Nitroaniline	13.83	65	192463	48.032	ng		96
49) Acenaphthylene	14.46	152	917538	46.162	ng		99
50) Dimethylphthalate	14.19	163	757057	46.403	ng		100
51) 2,6-Dinitrotoluene	14.32	165	170053	47.117	ng		98
52) Acenaphthene	14.80	154	542964	44.355	ng		99
53) 3-Nitroaniline	14.65	138	92610	23.114	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	174565	96.209	ng		93
55) Dibenzofuran	15.14	168	860589	42.432	ng		97
56) 4-Nitrophenol	14.94	139	149809	50.513	ng		97
57) 2,4-Dinitrotoluene	15.10	165	232859	49.151	ng		96
58) Fluorene	15.79	166	699510	46.057	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	197945	46.724	ng		99
60) Diethylphthalate	15.54	149	740956	44.237	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	371446	41.959	ng		97
62) 4-Nitroaniline	15.81	138	167113	41.974	ng		93
63) Azobenzene	16.07	77	708128	44.310	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	124703	49.690	ng		98
66) n-Nitrosodiphenylamine	15.99	169	634007	44.395	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	231534	44.409	ng		96
68) Hexachlorobenzene	16.78	284	233006	43.121	ng		97
69) Atrazine	16.93	200	231450	44.825	ng		98
70) Pentachlorophenol	17.12	266	276783	76.470	ng		97
71) Phenanthrene	17.53	178	1104835	45.788	ng		98
72) Anthracene	17.62	178	1115715	47.117	ng		96
73) Carbazole	17.89	167	1015999	42.894	ng		99
74) Di-n-butylphthalate	18.42	149	1197484	45.447	ng		99
75) Fluoranthene	19.53	202	1251358	45.725	ng		98
77) Benzidine	19.72	184	296873	21.511	ng		100
78) Pyrene	19.89	202	1241659	46.797	ng		98
80) Butylbenzylphthalate	20.76	149	549662	50.618	ng		99
81) Benzo(a)anthracene	21.75	228	1161643	48.387	ng		97
82) 3,3'-Dichlorobenzidine	21.67	252	253527	27.245	ng		99
83) Chrysene	21.82	228	1078687	46.727	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	770215	50.602	ng		97
85) Di-n-octyl phthalate	22.87	149	1288995	51.933	ng		99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1259894	50.884	ng		99
88) Benzo(b)fluoranthene	24.03	252	1142726	49.323	ng		98
89) Benzo(k)fluoranthene	24.11	252	1122798	49.465	ng		97
90) Benzo(a)pyrene	24.95	252	1110120	50.425	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	1027693	50.607	ng		96
92) Benzo(g,h,i)perylene	30.14	276	1049382	51.077	ng		99

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

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