Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102418\
Data File : BG037517.D
Acq On : 24 Oct 2018 18:47
Operator : JU/SJ
Sample : J4771-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-102318MS

Manual Integrations APPROVED
Sohil
10/25/2018 2:12:58 PM

Quant Time: Oct 25 08:13:38 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	60144	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	253828	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	169600	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	402258	20.00	ng		0.00
76) Chrysene-d12	21.77	240	358389	20.00	ng		0.00
87) Perylene-d12	25.10	264	376035	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	428545	119.12	ng		0.00
7) Phenol-d6	7.25	99	591296	108.70	ng		0.00
23) Nitrobenzene-d5	9.29	82	382107	84.33	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	245390	132.66	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	884833	78.67	ng		0.00
79) Terphenyl-d14	20.09	244	1381902	82.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	53903	29.546	ng	#	88
3) Pyridine	3.95	79	132539	28.824	ng		97
4) n-Nitrosodimethylamine	3.86	42	78514	47.938	ng	#	95
6) Aniline	7.44	93	93898	14.149	ng		96
8) 2-Chlorophenol	7.66	128	194390	46.190	ng		97
9) Benzaldehyde	7.25	77	88127	25.898	ng		95
10) Phenol	7.28	94	240785	41.952	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	184256	42.268	ng		98
12) 1,3-Dichlorobenzene	7.99	146	185508	39.595	ng		99
13) 1,4-Dichlorobenzene	8.14	146	192518	40.171	ng		99
14) 1,2-Dichlorobenzene	8.46	146	182237	39.530	ng		98
15) Benzyl Alcohol	8.35	79	187514	46.652	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	341695	43.808	ng		98
17) 2-Methylphenol	8.54	107	179162	47.216	ng		98
18) Hexachloroethane	9.19	117	68673	42.031	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	156697	41.832	ng		98
20) 3+4-Methylphenols	8.87	107	247629	45.645	ng		98
22) Acetophenone	8.94	105	291276	45.756	ng	#	96
24) Nitrobenzene	9.33	77	222667	47.304	ng		97
25) Isophorone	9.84	82	454911	54.947	ng		98
26) 2-Nitrophenol	10.04	139	106822	50.375	ng		96
27) 2,4-Dimethylphenol	10.08	122	215312	56.868	ng		99
28) bis(2-Chloroethoxy)methane	10.33	93	271342	50.023	ng		97
29) 2,4-Dichlorophenol	10.57	162	216180	51.282	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	201653	43.988	ng		97
31) Naphthalene	10.98	128	606359	48.636	ng		100
32) Benzoic acid	10.21	122	121476	49.398	ng		97
33) 4-Chloroaniline	11.09	127	14692	2.508	ng		97
34) Hexachlorobutadiene	11.24	225	115116	42.369	ng		99
35) Caprolactam	11.88	113	68070m	40.262	ng		
36) 4-Chloro-3-methylphenol	12.19	107	244549	51.439	ng		100
37) 2-Methylnaphthalene	12.58	142	468451	51.545	ng		99
38) 1-Methylnaphthalene	12.79	142	448159	50.777	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	231501	42.318	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	263849	100.971	ng		95
43) 2,4,6-Trichlorophenol	13.17	196	188129	51.475	ng		95
44) 2,4,5-Trichlorophenol	13.25	196	201850	50.726	ng		97
46) 1,1'-Biphenyl	13.57	154	615412	43.815	ng		98
47) 2-Chloronaphthalene	13.62	162	487970	45.921	ng		99
48) 2-Nitroaniline	13.83	65	167414	51.953	ng		97
49) Acenaphthylene	14.47	152	816423	51.075	ng		99
50) Dimethylphthalate	14.19	163	657241	50.092	ng		100
51) 2,6-Dinitrotoluene	14.32	165	149819	51.617	ng		94
52) Acenaphthene	14.80	154	477909	48.546	ng		96
53) 3-Nitroaniline	14.65	138	53377	16.565	ng	#	97
54) 2,4-Dinitrophenol	14.86	184	123408	89.118	ng		95
55) Dibenzofuran	15.14	168	762674	46.759	ng		98
56) 4-Nitrophenol	14.95	139	321972	134.994	ng		99
57) 2,4-Dinitrotoluene	15.10	165	208041	54.603	ng		98
58) Fluorene	15.78	166	624010	51.089	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	178125	52.282	ng		98
60) Diethylphthalate	15.54	149	682191	50.644	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	328385	46.126	ng		100
62) 4-Nitroaniline	15.81	138	158445	49.486	ng		94
63) Azobenzene	16.07	77	640128	49.807	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	101602	48.109	ng		99
66) n-Nitrosodiphenylamine	15.99	169	576761	47.666	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	210056	47.551	ng		98
68) Hexachlorobenzene	16.78	284	209581	45.777	ng		99
69) Atrazine	16.93	200	212684	48.616	ng		98
70) Pentachlorophenol	17.12	266	256060	83.497	ng		98
71) Phenanthrene	17.53	178	1032337	50.496	ng		99
72) Anthracene	17.62	178	1055900	52.629	ng		97
73) Carbazole	17.89	167	969716	48.319	ng		99
74) Di-n-butylphthalate	18.43	149	1162178	52.057	ng		100
75) Fluoranthene	19.53	202	1197325	51.637	ng		97
77) Benzidine	19.72	184	50562	4.149	ng	#	94
78) Pyrene	19.90	202	1203074	51.351	ng		100
80) Butylbenzylphthalate	20.77	149	533046	55.593	ng		98
81) Benzo(a)anthracene	21.75	228	1129871	53.300	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	160236	19.501	ng		98
83) Chrysene	21.82	228	1053666	51.691	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	735249	54.706	ng		98
85) Di-n-octyl phthalate	22.87	149	1248653	56.974	ng		99
86) Indeno(1,2,3-cd)pyrene	28.93	276	1202168	54.987	ng		98
88) Benzo(b)fluoranthene	24.04	252	1137287	55.166	ng		98
89) Benzo(k)fluoranthene	24.11	252	1061281	52.544	ng	#	97
90) Benzo(a)pyrene	24.95	252	1087252	55.501	ng		98
91) Dibenzo(a,h)anthracene	29.00	278	995389	55.085	ng		97
92) Benzo(g,h,i)perylene	30.14	276	972062	53.172	ng		99

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

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