Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021218\
Data File : BG032653.D
Acq On : 12 Feb 2018 17:06
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG021218

Manual Integrations APPROVED
Sohil
2/14/2018 10:36:30 AM

Quant Time: Feb 12 18:19:47 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 12 18:08:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	35249	20.00	ng		0.00
21) Naphthalene-d8	11.55	136	145479	20.00	ng		0.00
38) Acenaphthene-d10	15.31	164	100006	20.00	ng		0.00
63) Phenanthrene-d10	18.05	188	251513	20.00	ng		0.00
75) Chrysene-d12	22.37	240	312274	20.00	ng		0.00
86) Perylene-d12	26.01	264	325163	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.11	112	136425	77.65	ng		0.00
7) Phenol-d6	7.79	99	187619	78.10	ng		0.00
23) Nitrobenzene-d5	9.87	82	197707	86.37	ng		0.00
41) 2,4,6-Tribromophenol	16.78	330	133795	86.89	ng		0.00
44) 2-Fluorobiphenyl	13.93	172	680966	85.15	ng		0.00
78) Terphenyl-d14	20.59	244	1131896	82.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.78	88	26418	35.95	ng	#	80
3) Pyridine	4.24	79	74030	39.27	ng	#	86
4) n-Nitrosodimethylamine	4.15	42	36170	40.83	ng	#	70
6) Aniline	7.98	93	115325	40.62	ng		97
8) 2-Chlorophenol	8.22	128	81868	40.52	ng		85
9) Benzaldehyde	7.78	77	53321	37.56	ng		94
10) Phenol	7.82	94	94142	40.29	ng		94
11) bis(2-Chloroethyl)ether	8.07	93	69733	37.23	ng	#	82
12) 1,3-Dichlorobenzene	8.56	146	110565	38.80	ng		97
13) 1,4-Dichlorobenzene	8.71	146	107868	38.32	ng		97
14) 1,2-Dichlorobenzene	9.04	146	109966	38.73	ng		99
15) Benzyl Alcohol	8.91	79	72421	40.22	ng	#	92
16) 2,2'-oxybis(1-Chloropropan	9.20	45	78857	39.12	ng		75
17) 2-Methylphenol	9.11	107	66246m	40.04	ng		
18) Hexachloroethane	9.79	117	40477	39.38	ng		88
19) n-Nitroso-di-n-propylamine	9.48	70	63905	39.57	ng	#	92
20) 3+4-Methylphenols	9.45	107	97314	38.91	ng		87
22) Acetophenone	9.52	105	130969	42.33	ng	#	95
24) Nitrobenzene	9.92	77	93351	38.95	ng	#	92
25) Isophorone	10.43	82	173999	39.87	ng	#	85
26) 2-Nitrophenol	10.64	139	52377	40.86	ng	#	88
27) 2,4-Dimethylphenol	10.68	122	71999	42.75	ng		94
28) bis(2-Chloroethoxy)methane	10.91	93	92225	41.34	ng	#	94
29) 2,4-Dichlorophenol	11.18	162	97908	39.72	ng		90
30) 1,2,4-Trichlorobenzene	11.40	180	146614	42.43	ng		97
31) Naphthalene	11.60	128	285690	40.44	ng		97
32) Benzoic acid	10.81	122	61116m	45.53	ng		
33) 4-Chloroaniline	11.70	127	119162	42.51	ng		95
34) Hexachlorobutadiene	11.87	225	112872	39.86	ng		97
35) Caprolactam	12.45	113	29276	41.82	ng	#	57
36) 4-Chloro-3-methylphenol	12.78	107	94650	42.69	ng	#	91
37) 2-Methylnaphthalene	13.16	142	237849	41.51	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.52	216	199068	42.14	ng	#	95
40) Hexachlorocyclopentadiene	13.49	237	128209	42.89	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.75	196	103637	43.96	ng		95
43) 2,4,5-Trichlorophenol	13.83	196	119975	40.84	ng	#	90
45) 1,1'-Biphenyl	14.15	154	352058	42.78	ng		95
46) 2-Chloronaphthalene	14.20	162	281531	43.24	ng		95
47) 2-Nitroaniline	14.39	65	61172	43.19	ng	#	83
48) Acenaphthylene	15.04	152	410372	42.84	ng		98
49) Dimethylphthalate	14.74	163	369444	42.74	ng	#	99
50) 2,6-Dinitrotoluene	14.87	165	77996	43.81	ng	#	84
51) Acenaphthene	15.37	154	281173	42.98	ng		99
52) 3-Nitroaniline	15.21	138	65886	41.91	ng	#	80
53) 2,4-Dinitrophenol	15.40	184	32776	40.70	ng	#	78
54) Dibenzofuran	15.70	168	418087	42.95	ng		99
55) 4-Nitrophenol	15.50	139	44086	40.70	ng	#	75
56) 2,4-Dinitrotoluene	15.65	165	111034	45.26	ng	#	73
57) Fluorene	16.34	166	342054	42.73	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.92	232	126357	45.68	ng	#	82
59) Diethylphthalate	16.09	149	360613	42.87	ng		99
60) 4-Chlorophenyl-phenylether	16.33	204	223820	42.35	ng		95
61) 4-Nitroaniline	16.37	138	71662	44.21	ng	#	81
62) Azobenzene	16.62	77	230089	42.58	ng		86
64) 4,6-Dinitro-2-methylphenol	16.41	198	75710	42.08	ng		77
65) n-Nitrosodiphenylamine	16.54	169	315299	42.74	ng		99
66) 4-Bromophenyl-phenylether	17.22	248	154242	42.85	ng		93
67) Hexachlorobenzene	17.35	284	162791	42.11	ng	#	90
68) Atrazine	17.47	200	138361	43.73	ng		99
69) Pentachlorophenol	17.68	266	104433	44.12	ng		95
70) Phenanthrene	18.09	178	569861	42.18	ng		100
71) Anthracene	18.18	178	582596	42.14	ng		100
72) Carbazole	18.44	167	510394	43.30	ng		99
73) Di-n-butylphthalate	18.95	149	578228	43.57	ng		99
74) Fluoranthene	20.06	202	766975	42.52	ng		96
76) Benzidine	20.22	184	286106	38.91	ng	#	94
77) Pyrene	20.42	202	783341	42.17	ng		99
79) Butylbenzylphthalate	21.27	149	259875	42.46	ng	#	78
80) Benzo(a)anthracene	22.35	228	802708	41.06	ng		98
81) 3,3'-Dichlorobenzidine	22.24	252	305512	41.84	ng	#	98
82) Chrysene	22.42	228	804886	41.75	ng		99
83) Bis(2-ethylhexyl)phthalate	22.19	149	372097	42.16	ng	#	98
84) Di-n-octyl phthalate	23.55	149	598150	43.20	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.23	276	955909	41.86	ng	#	79
87) Benzo(b)fluoranthene	24.85	252	813634	41.99	ng	#	94
88) Benzo(k)fluoranthene	24.92	252	861141	42.94	ng	#	94
89) Benzo(a)pyrene	25.84	252	807175	42.76	ng	#	95
90) Dibenzo(a,h)anthracene	30.32	278	805047	42.83	ng	#	95
91) Benzo(g,h,i)perylene	31.56	276	778143	42.83	ng	#	93

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

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