Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080116\
Data File : BG023389.D
Acq On : 1 Aug 2016 18:37
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG080116

Manual Integrations APPROVED
sohil
8/2/2016 5:10:47 PM

Quant Time: Aug 01 19:24:53 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	151718	20.00	ng		0.00
21) Naphthalene-d8	10.96	136	759747	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	547465	20.00	ng		0.00
63) Phenanthrene-d10	17.55	188	1365926	20.00	ng		0.00
75) Chrysene-d12	21.86	240	1194229	20.00	ng		0.00
86) Perylene-d12	25.24	264	1183877	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	706600	78.40	ng		0.00
7) Phenol-d6	7.28	99	1180599	84.10	ng		0.00
23) Nitrobenzene-d5	9.30	82	1170376	76.59	ng		0.00
41) 2,4,6-Tribromophenol	16.28	330	657383	82.09	ng		0.00
44) 2-Fluorobiphenyl	13.40	172	2367187	72.93	ng		0.00
78) Terphenyl-d14	20.15	244	3214463	84.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	136709	35.60	ng	#	93
3) Pyridine	3.93	79	476282	37.74	ng	#	93
4) n-Nitrosodimethylamine	3.85	42	182911	39.09	ng	#	74
6) Aniline	7.44	93	750001	36.98	ng		96
8) 2-Chlorophenol	7.68	128	409357	39.53	ng		100
9) Benzaldehyde	7.25	77	367743	48.78	ng		95
10) Phenol	7.30	94	599002	39.88	ng		80
11) bis(2-Chloroethyl)ether	7.53	93	471583	39.37	ng		90
12) 1,3-Dichlorobenzene	8.01	146	446637	37.67	ng		92
13) 1,4-Dichlorobenzene	8.16	146	459818	37.89	ng		95
14) 1,2-Dichlorobenzene	8.48	146	444020	37.30	ng	#	93
15) Benzyl Alcohol	8.36	79	431692	40.58	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.64	45	706872	40.12	ng		89
17) 2-Methylphenol	8.57	107	412951	41.01	ng	#	86
18) Hexachloroethane	9.21	117	175580	38.44	ng		95
19) n-Nitroso-di-n-propylamine	8.93	70	491164	40.67	ng		94
20) 3+4-Methylphenols	8.90	107	587046	41.36	ng		91
22) Acetophenone	8.95	105	791896	38.07	ng	#	90
24) Nitrobenzene	9.34	77	681782	40.29	ng		92
25) Isophorone	9.86	82	1290093	40.53	ng	#	93
26) 2-Nitrophenol	10.06	139	286576	40.12	ng	#	79
27) 2,4-Dimethylphenol	10.11	122	484519	39.84	ng		87
28) bis(2-Chloroethoxy)methane	10.34	93	680495	35.56	ng		99
29) 2,4-Dichlorophenol	10.60	162	486933	39.82	ng		98
30) 1,2,4-Trichlorobenzene	10.81	180	505179	38.31	ng		96
31) Naphthalene	11.01	128	1430660	36.98	ng		99
32) Benzoic acid	10.27	122	411995	38.30	ng		93
33) 4-Chloroaniline	11.11	127	669313	36.19	ng		92
34) Hexachlorobutadiene	11.28	225	321713	37.09	ng		96
35) Caprolactam	11.90	113	214257	41.65	ng		94
36) 4-Chloro-3-methylphenol	12.24	107	626531	39.00	ng		89
37) 2-Methylnaphthalene	12.61	142	1098445	37.35	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	735719	37.06	ng		98
40) Hexachlorocyclopentadiene	12.95	237	354260	35.39	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	452781	38.29	ng		99
43) 2,4,5-Trichlorophenol	13.29	196	471614	38.74	ng		93
45) 1,1'-Biphenyl	13.62	154	1550275	37.04	ng		95
46) 2-Chloronaphthalene	13.66	162	1200907	37.09	ng		95
47) 2-Nitroaniline	13.87	65	496459	36.93	ng	#	85
48) Acenaphthylene	14.51	152	1933850	37.79	ng		97
49) Dimethylphthalate	14.23	163	1665369	39.65	ng		97
50) 2,6-Dinitrotoluene	14.36	165	396588	39.87	ng	#	80
51) Acenaphthene	14.85	154	1235567	38.11	ng		97
52) 3-Nitroaniline	14.70	138	422425	37.66	ng	#	82
53) 2,4-Dinitrophenol	14.90	184	255623	40.09	ng	#	88
54) Dibenzofuran	15.19	168	1752035	37.22	ng		96
55) 4-Nitrophenol	15.01	139	367833	41.75	ng	#	74
56) 2,4-Dinitrotoluene	15.15	165	584140	41.84	ng		89
57) Fluorene	15.84	166	1579408	38.45	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.41	232	433366m	38.79	ng		
59) Diethylphthalate	15.60	149	1712194	40.16	ng		95
60) 4-Chlorophenyl-phenylether	15.83	204	847208	38.97	ng		97
61) 4-Nitroaniline	15.87	138	463686	38.83	ng	#	63
62) Azobenzene	16.12	77	1657664	38.35	ng		90
64) 4,6-Dinitro-2-methylphenol	15.92	198	391617	42.17	ng		94
65) n-Nitrosodiphenylamine	16.04	169	1461070	36.47	ng	#	93
66) 4-Bromophenyl-phenylether	16.72	248	606210	38.08	ng		94
67) Hexachlorobenzene	16.85	284	649880	37.31	ng		98
68) Atrazine	16.99	200	630881	41.01	ng		97
69) Pentachlorophenol	17.19	266	411817	40.56	ng		98
70) Phenanthrene	17.59	178	2501380	36.09	ng		93
71) Anthracene	17.68	178	2561192	36.74	ng		93
72) Carbazole	17.96	167	2385920	38.98	ng		97
73) Di-n-butylphthalate	18.49	149	2749929	44.15	ng	#	96
74) Fluoranthene	19.60	202	2891113	44.21	ng		88
76) Benzidine	19.78	184	1407461	42.40	ng		97
77) Pyrene	19.96	202	2888317	42.15	ng	#	91
79) Butylbenzylphthalate	20.84	149	1208394	42.02	ng		99
80) Benzo(a)anthracene	21.84	228	2446224	37.11	ng		98
81) 3,3'-Dichlorobenzidine	21.75	252	1022843	37.83	ng	#	94
82) Chrysene	21.91	228	2341426	37.33	ng		95
83) Bis(2-ethylhexyl)phthalate	21.72	149	1513103	38.42	ng	#	99
84) Di-n-octyl phthalate	22.99	149	2506638	37.30	ng		98
85) Indeno(1,2,3-cd)pyrene	29.11	276	3060007	39.05	ng	#	100
87) Benzo(b)fluoranthene	24.16	252	2516096	37.77	ng	#	95
88) Benzo(k)fluoranthene	24.24	252	2454481	38.36	ng	#	94
89) Benzo(a)pyrene	25.08	252	2438833	38.50	ng	#	97
90) Dibenzo(a,h)anthracene	29.18	278	2496294	38.57	ng	#	91
91) Benzo(g,h,i)perylene	30.32	276	2500813	38.38	ng	#	89

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

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