Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032414.D
Acq On : 29 Jan 2018 14:29
Operator : SJ/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG012918

Manual Integrations APPROVED
Sohil
1/30/2018 6:22:47 PM

Quant Time: Jan 30 03:45:28 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:27:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	29035	20.00	ng		0.01
21) Naphthalene-d8	11.61	136	124607	20.00	ng		0.01
38) Acenaphthene-d10	15.36	164	85731	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	225745	20.00	ng		0.00
75) Chrysene-d12	22.42	240	266678	20.00	ng		0.00
86) Perylene-d12	26.10	264	284511	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.17	112	112909	78.11	ng		0.01
7) Phenol-d6	7.85	99	152643	79.13	ng		0.02
23) Nitrobenzene-d5	9.93	82	156499	78.45	ng		0.01
41) 2,4,6-Tribromophenol	16.84	330	134044	82.14	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	573420	79.50	ng		0.00
78) Terphenyl-d14	20.63	244	977943	78.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	18908	38.876	ng	#	70
3) Pyridine	4.27	79	54785	41.716	ng	#	80
4) n-Nitrosodimethylamine	4.19	42	26910	39.363	ng	#	79
6) Aniline	8.03	93	94429	39.262	ng		93
8) 2-Chlorophenol	8.28	128	69912	40.914	ng	#	78
9) Benzaldehyde	7.84	77	37869	38.009	ng		90
10) Phenol	7.88	94	73183	39.950	ng		92
11) bis(2-Chloroethyl)ether	8.12	93	54507	39.051	ng	#	79
12) 1,3-Dichlorobenzene	8.62	146	88894	38.468	ng		97
13) 1,4-Dichlorobenzene	8.78	146	91748m	39.612	ng		
14) 1,2-Dichlorobenzene	9.10	146	88532	39.020	ng		100
15) Benzyl Alcohol	8.97	79	63752	40.101	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.27	45	48966	37.022	ng		73
17) 2-Methylphenol	9.17	107	57976	38.968	ng	#	92
18) Hexachloroethane	9.86	117	28781	37.011	ng	#	81
19) n-Nitroso-di-n-propylamine	9.55	70	49538	38.732	ng	#	91
20) 3+4-Methylphenols	9.50	107	79975	38.322	ng		93
22) Acetophenone	9.57	105	112558	38.535	ng	#	94
24) Nitrobenzene	9.97	77	75479	39.127	ng		89
25) Isophorone	10.50	82	129520	38.129	ng	#	81
26) 2-Nitrophenol	10.70	139	46204	39.621	ng	#	83
27) 2,4-Dimethylphenol	10.74	122	64786	38.707	ng		94
28) bis(2-Chloroethoxy)methane	10.98	93	74530	40.011	ng	#	91
29) 2,4-Dichlorophenol	11.24	162	87033	39.252	ng		84
30) 1,2,4-Trichlorobenzene	11.47	180	114223	38.651	ng		99
31) Naphthalene	11.67	128	236398	38.843	ng		99
32) Benzoic acid	10.86	122	43310	36.707	ng		89
33) 4-Chloroaniline	11.76	127	104926	38.655	ng	#	92
34) Hexachlorobutadiene	11.93	225	88196	38.359	ng		96
35) Caprolactam	12.51	113	24357	38.266	ng	#	46
36) 4-Chloro-3-methylphenol	12.84	107	81434	38.719	ng	#	81
37) 2-Methylnaphthalene	13.23	142	195850	38.305	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	163839	40.850	ng	#	96
40) Hexachlorocyclopentadiene	13.56	237	103705	41.384	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	89557	41.051	ng		99
43) 2,4,5-Trichlorophenol	13.88	196	104990	41.283	ng	#	91
45) 1,1'-Biphenyl	14.20	154	293444	40.514	ng		94
46) 2-Chloronaphthalene	14.26	162	229449	40.418	ng		99
47) 2-Nitroaniline	14.45	65	50730	40.409	ng	#	80
48) Acenaphthylene	15.09	152	346787	40.408	ng		99
49) Dimethylphthalate	14.79	163	310683	39.303	ng		99
50) 2,6-Dinitrotoluene	14.92	165	67029	40.400	ng	#	76
51) Acenaphthene	15.43	154	241626	40.596	ng		98
52) 3-Nitroaniline	15.26	138	58444	40.329	ng	#	71
53) 2,4-Dinitrophenol	15.45	184	38018	38.931	ng	#	89
54) Dibenzofuran	15.76	168	348857	39.600	ng		97
55) 4-Nitrophenol	15.53	139	44558	41.070	ng	#	77
56) 2,4-Dinitrotoluene	15.70	165	95118	40.266	ng	#	63
57) Fluorene	16.40	166	290694	39.710	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.97	232	100772	40.176	ng	#	85
59) Diethylphthalate	16.14	149	303908	39.474	ng		97
60) 4-Chlorophenyl-phenylether	16.38	204	184510	39.971	ng		95
61) 4-Nitroaniline	16.41	138	61478	39.580	ng		85
62) Azobenzene	16.67	77	181648	39.481	ng		85
64) 4,6-Dinitro-2-methylphenol	16.46	198	68761	40.772	ng	#	71
65) n-Nitrosodiphenylamine	16.59	169	262577	38.975	ng		100
66) 4-Bromophenyl-phenylether	17.27	248	131879	39.433	ng		93
67) Hexachlorobenzene	17.39	284	145285	39.255	ng	#	91
68) Atrazine	17.51	200	117077	40.482	ng		96
69) Pentachlorophenol	17.74	266	96469	41.608	ng		98
70) Phenanthrene	18.13	178	485527	38.567	ng		98
71) Anthracene	18.23	178	492190	39.265	ng		99
72) Carbazole	18.49	167	431997	39.005	ng		99
73) Di-n-butylphthalate	18.99	149	487846	39.784	ng		100
74) Fluoranthene	20.10	202	630432	38.185	ng		95
76) Benzidine	20.26	184	222857	42.558	ng		96
77) Pyrene	20.46	202	643827	39.362	ng		98
79) Butylbenzylphthalate	21.31	149	209221	40.553	ng	#	76
80) Benzo(a)anthracene	22.40	228	645371	39.036	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	246135	38.426	ng	#	95
82) Chrysene	22.48	228	618190	38.719	ng		98
83) Bis(2-ethylhexyl)phthalate	22.24	149	293228	40.084	ng	#	97
84) Di-n-octyl phthalate	23.61	149	468216	40.353	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.37	276	790573	39.142	ng	#	83
87) Benzo(b)fluoranthene	24.92	252	671915	39.086	ng	#	94
88) Benzo(k)fluoranthene	25.00	252	672686	39.501	ng	#	95
89) Benzo(a)pyrene	25.93	252	642521	39.205	ng	#	96
90) Dibenzo(a,h)anthracene	30.44	278	659447	39.334	ng	#	95
91) Benzo(g,h,i)perylene	31.71	276	653494	39.270	ng	#	89

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

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