Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG030518\
Data File : BG032988.D
Acq On : 5 Mar 2018 14:04
Operator : SJ/JU
Sample : J1699-64MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B21MS

Manual Integrations APPROVED
Sohil
3/6/2018 4:26:20 PM

Quant Time: Mar 05 15:07:40 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	63622	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	287437	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	166796	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	378164	20.00	ng		0.00
75) Chrysene-d12	22.61	240	342726	20.00	ng		0.00
86) Perylene-d12	26.41	264	371404	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	482806	121.41	ng		0.00
7) Phenol-d6	8.01	99	609195	109.90	ng		0.00
23) Nitrobenzene-d5	10.11	82	421802	99.87	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	240952	137.39	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	896200	77.49	ng		0.00
78) Terphenyl-d14	20.77	244	1298811	85.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	61611	35.698	ng	#	91
3) Pyridine	4.44	79	151370	31.821	ng		94
4) n-Nitrosodimethylamine	4.33	42	101098	53.010	ng	#	86
6) Aniline	8.20	93	125788	16.765	ng		96
8) 2-Chlorophenol	8.46	128	194969	44.792	ng		96
9) Benzaldehyde	8.01	77	58195	18.216	ng		93
10) Phenol	8.04	94	223336	39.969	ng		94
11) bis(2-Chloroethyl)ether	8.29	93	185672	40.637	ng		96
12) 1,3-Dichlorobenzene	8.80	146	196166	38.477	ng		99
13) 1,4-Dichlorobenzene	8.95	146	201736	39.311	ng		96
14) 1,2-Dichlorobenzene	9.29	146	190088	38.654	ng		98
15) Benzyl Alcohol	9.14	79	180570	44.312	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.44	45	353045	44.947	ng		99
17) 2-Methylphenol	9.34	107	166536	40.418	ng		97
18) Hexachloroethane	10.04	117	73705	42.183	ng	#	83
19) n-Nitroso-di-n-propylamine	9.73	70	157274	40.190	ng	#	92
20) 3+4-Methylphenols	9.67	107	231341	40.380	ng		95
22) Acetophenone	9.76	105	290799	40.059	ng	#	99
24) Nitrobenzene	10.16	77	220659	48.119	ng		91
25) Isophorone	10.68	82	435637	43.180	ng		95
26) 2-Nitrophenol	10.88	139	104173	59.312	ng		95
27) 2,4-Dimethylphenol	10.91	122	209596	47.823	ng		91
28) bis(2-Chloroethoxy)methane	11.16	93	256279	43.604	ng		96
29) 2,4-Dichlorophenol	11.42	162	185895	46.734	ng		96
30) 1,2,4-Trichlorobenzene	11.65	180	179767	38.554	ng		97
31) Naphthalene	11.85	128	669009	44.542	ng		100
32) Benzoic acid	11.02	122	110307	42.644	ng	#	86
33) 4-Chloroaniline	11.93	127	85293	12.701	ng		95
34) Hexachlorobutadiene	12.11	225	98880	37.807	ng		99
35) Caprolactam	12.68	113	58984	37.033	ng		97
36) 4-Chloro-3-methylphenol	13.00	107	227104	49.062	ng		91
37) 2-Methylnaphthalene	13.40	142	457551	42.107	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	189803	38.333	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	222673	88.243	ng		94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	146264	46.841 ng		95
43) 2,4,5-Trichlorophenol	14.04	196	161596	44.714 ng	#	95
45) 1,1'-Biphenyl	14.37	154	571156	39.186 ng		96
46) 2-Chloronaphthalene	14.43	162	436491	40.090 ng		96
47) 2-Nitroaniline	14.61	65	160774	56.390 ng		91
48) Acenaphthylene	15.26	152	718796	40.324 ng		98
49) Dimethylphthalate	14.95	163	580921	41.018 ng		99
50) 2,6-Dinitrotoluene	15.08	165	130495	54.247 ng		92
51) Acenaphthene	15.59	154	486640	43.835 ng		99
52) 3-Nitroaniline	15.41	138	78328	30.309 ng	#	87
53) 2,4-Dinitrophenol	15.61	184	92285	109.332 ng	#	83
54) Dibenzofuran	15.92	168	675157	42.712 ng		94
55) 4-Nitrophenol	15.68	139	188666	81.230 ng		87
56) 2,4-Dinitrotoluene	15.86	165	182498	61.648 ng		88
57) Fluorene	16.56	166	546360	41.877 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	140016m	49.901 ng		
59) Diethylphthalate	16.29	149	623774	41.758 ng		98
60) 4-Chlorophenyl-phenylether	16.53	204	270233	42.341 ng	#	89
61) 4-Nitroaniline	16.56	138	135293	44.555 ng		85
62) Azobenzene	16.83	77	574923	43.022 ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	75666	61.626 ng		93
65) n-Nitrosodiphenylamine	16.75	169	509762	41.437 ng		100
66) 4-Bromophenyl-phenylether	17.43	248	161814	40.467 ng	#	86
67) Hexachlorobenzene	17.56	284	167808	38.834 ng	#	89
68) Atrazine	17.67	200	173284	42.792 ng		97
69) Pentachlorophenol	17.89	266	215386	79.132 ng		99
70) Phenanthrene	18.30	178	876506	41.545 ng		97
71) Anthracene	18.39	178	889439	41.992 ng		99
72) Carbazole	18.64	167	827087	39.616 ng		97
73) Di-n-butylphthalate	19.14	149	1054520	41.172 ng		100
74) Fluoranthene	20.25	202	965798	41.441 ng		93
76) Benzidine	20.40	184	94127	8.057 ng		97
77) Pyrene	20.61	202	971522	40.197 ng		97
79) Butylbenzylphthalate	21.47	149	492744	45.983 ng		92
80) Benzo(a)anthracene	22.59	228	929770	42.306 ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	173291	21.290 ng	#	98
82) Chrysene	22.67	228	869834	41.433 ng		98
83) Bis(2-ethylhexyl)phthalate	22.41	149	701630	44.234 ng	#	96
84) Di-n-octyl phthalate	23.83	149	1203586	49.781 ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	998292	40.774 ng	#	95
87) Benzo(b)fluoranthene	25.19	252	934864	42.571 ng	#	96
88) Benzo(k)fluoranthene	25.27	252	931982	42.703 ng	#	96
89) Benzo(a)pyrene	26.23	252	893874	42.796 ng	#	96
90) Dibenzo(a,h)anthracene	30.91	278	817946	38.905 ng	#	94
91) Benzo(g,h,i)perylene	32.22	276	843337	40.692 ng	#	90

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

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