Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
Data File : BG032479.D
Acq On : 1 Feb 2018 00:55
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/1/2018 6:01:52 PM

Quant Time: Feb 01 02:56:25 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 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	25181	20.00	ng		-0.01
21) Naphthalene-d8	11.59	136	103979	20.00	ng		-0.01
38) Acenaphthene-d10	15.35	164	73731	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	183943	20.00	ng		0.00
75) Chrysene-d12	22.41	240	231446	20.00	ng		-0.01
86) Perylene-d12	26.08	264	258007	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	101276	80.78	ng		0.00
7) Phenol-d6	7.83	99	134383	80.33	ng		0.00
23) Nitrobenzene-d5	9.91	82	130679	78.50	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	113089	80.58	ng		-0.01
44) 2-Fluorobiphenyl	13.97	172	501377	80.82	ng		-0.01
78) Terphenyl-d14	20.61	244	845432	78.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.81	88	18692	44.314	ng	#	70
3) Pyridine	4.27	79	46255	40.612	ng	#	83
4) n-Nitrosodimethylamine	4.18	42	22459	37.880	ng	#	65
6) Aniline	8.01	93	79482	38.106	ng		94
8) 2-Chlorophenol	8.27	128	60567	40.870	ng	#	76
9) Benzaldehyde	7.82	77	32913	38.091	ng		90
10) Phenol	7.86	94	65132	40.997	ng		92
11) bis(2-Chloroethyl)ether	8.10	93	48253	39.862	ng	#	76
12) 1,3-Dichlorobenzene	8.60	146	82525	41.178	ng		95
13) 1,4-Dichlorobenzene	8.75	146	83530	41.584	ng		90
14) 1,2-Dichlorobenzene	9.08	146	79146	40.222	ng		97
15) Benzyl Alcohol	8.95	79	51526	37.371	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.23	45	44350	38.664	ng		68
17) 2-Methylphenol	9.16	107	48768	37.795	ng	#	89
18) Hexachloroethane	9.83	117	26643	39.506	ng	#	84
19) n-Nitroso-di-n-propylamine	9.53	70	41159	37.106	ng	#	94
20) 3+4-Methylphenols	9.50	107	69502	38.400	ng		90
22) Acetophenone	9.56	105	91854	37.685	ng	#	94
24) Nitrobenzene	9.96	77	65160	40.478	ng	#	88
25) Isophorone	10.47	82	114954	40.554	ng	#	83
26) 2-Nitrophenol	10.68	139	40267	41.381	ng	#	80
27) 2,4-Dimethylphenol	10.72	122	53685	38.437	ng		90
28) bis(2-Chloroethoxy)methane	10.96	93	60892	39.175	ng		97
29) 2,4-Dichlorophenol	11.22	162	76301	41.239	ng		92
30) 1,2,4-Trichlorobenzene	11.44	180	97765	39.645	ng		96
31) Naphthalene	11.64	128	204675	40.303	ng		99
32) Benzoic acid	10.85	122	41339	40.939	ng	#	78
33) 4-Chloroaniline	11.74	127	83532	36.879	ng		94
34) Hexachlorobutadiene	11.91	225	77732	40.514	ng		96
35) Caprolactam	12.50	113	20480	38.558	ng	#	50
36) 4-Chloro-3-methylphenol	12.82	107	69373	39.528	ng		91
37) 2-Methylnaphthalene	13.20	142	166507	39.027	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	142186	41.221	ng	#	95
40) Hexachlorocyclopentadiene	13.53	237	80982	37.575	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.79	196	75072	40.012	ng		98
43) 2,4,5-Trichlorophenol	13.87	196	91441	41.808	ng	#	92
45) 1,1'-Biphenyl	14.19	154	252325	40.507	ng		97
46) 2-Chloronaphthalene	14.24	162	198061	40.567	ng		97
47) 2-Nitroaniline	14.43	65	41920	38.826	ng	#	82
48) Acenaphthylene	15.08	152	297008	40.240	ng		99
49) Dimethylphthalate	14.78	163	265468	39.049	ng	#	98
50) 2,6-Dinitrotoluene	14.91	165	57175	40.070	ng	#	74
51) Acenaphthene	15.41	154	204644	39.979	ng		97
52) 3-Nitroaniline	15.24	138	47786	38.341	ng	#	71
53) 2,4-Dinitrophenol	15.45	184	28805	34.786	ng	#	59
54) Dibenzofuran	15.74	168	297899	39.320	ng		97
55) 4-Nitrophenol	15.54	139	31928m	34.218	ng		
56) 2,4-Dinitrotoluene	15.68	165	79971	39.363	ng	#	70
57) Fluorene	16.38	166	247485	39.310	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.95	232	82547	38.266	ng	#	87
59) Diethylphthalate	16.12	149	254890	38.496	ng		95
60) 4-Chlorophenyl-phenylether	16.36	204	157886	39.770	ng		96
61) 4-Nitroaniline	16.40	138	48487	36.297	ng		80
62) Azobenzene	16.65	77	151860	38.379	ng		86
64) 4,6-Dinitro-2-methylphenol	16.44	198	49268	35.853	ng		71
65) n-Nitrosodiphenylamine	16.58	169	222824	40.591	ng		98
66) 4-Bromophenyl-phenylether	17.25	248	112881	41.423	ng		96
67) Hexachlorobenzene	17.38	284	123788	41.048	ng	#	91
68) Atrazine	17.50	200	95704	40.612	ng		96
69) Pentachlorophenol	17.72	266	72653	38.458	ng		98
70) Phenanthrene	18.12	178	408625	39.835	ng		99
71) Anthracene	18.21	178	410938	40.233	ng		99
72) Carbazole	18.48	167	355059	39.344	ng		99
73) Di-n-butylphthalate	18.98	149	410545	41.089	ng		99
74) Fluoranthene	20.09	202	533809	39.681	ng		96
76) Benzidine	20.25	184	175047	38.517	ng		98
77) Pyrene	20.44	202	551231	38.831	ng		99
79) Butylbenzylphthalate	21.30	149	188499	42.098	ng	#	76
80) Benzo(a)anthracene	22.39	228	579629	40.397	ng		98
81) 3,3'-Dichlorobenzidine	22.28	252	223578	40.218	ng	#	97
82) Chrysene	22.46	228	559208	40.356	ng		98
83) Bis(2-ethylhexyl)phthalate	22.22	149	272495	42.921	ng	#	97
84) Di-n-octyl phthalate	23.60	149	435433	43.241	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.35	276	743660	42.424	ng	#	85
87) Benzo(b)fluoranthene	24.90	252	623890	40.020	ng	#	94
88) Benzo(k)fluoranthene	24.99	252	612435	39.657	ng	#	97
89) Benzo(a)pyrene	25.91	252	595232	40.050	ng	#	95
90) Dibenzo(a,h)anthracene	30.42	278	614773	40.436	ng	#	95
91) Benzo(g,h,i)perylene	31.68	276	606185	40.169	ng	#	90

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

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