Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041917\
Data File : BG026655.D
Acq On : 19 Apr 2017 13:44
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
4/20/2017 1:54:16 PM

Quant Time: Apr 20 01:23:41 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 18:04:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	188465	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	799886	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	480753	20.00	ng		-0.02
63) Phenanthrene-d10	17.37	188	1147987	20.00	ng		-0.02
75) Chrysene-d12	21.61	240	1268719	20.00	ng		-0.02
86) Perylene-d12	24.78	264	1267951	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	847689	81.77	ng		-0.02
7) Phenol-d6	7.19	99	1097810	80.81	ng		-0.02
23) Nitrobenzene-d5	9.19	82	925883	80.77	ng		-0.02
41) 2,4,6-Tribromophenol	16.11	330	515018	76.88	ng		-0.02
44) 2-Fluorobiphenyl	13.27	172	2520311	78.08	ng		-0.02
78) Terphenyl-d14	19.97	244	3393812	78.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	223890	41.30	ng	#	68
3) Pyridine	3.89	79	502426	41.40	ng	#	61
4) n-Nitrosodimethylamine	3.80	42	142328	40.32	ng	#	1
6) Aniline	7.35	93	728548	42.95	ng	#	86
8) 2-Chlorophenol	7.60	128	506219	40.92	ng	#	77
9) Benzaldehyde	7.16	77	371607	40.38	ng	#	68
10) Phenol	7.22	94	602546	40.77	ng	#	69
11) bis(2-Chloroethyl)ether	7.44	93	474001	40.29	ng	#	80
12) 1,3-Dichlorobenzene	7.92	146	587622	40.31	ng	#	84
13) 1,4-Dichlorobenzene	8.07	146	594655m	40.15	ng		
14) 1,2-Dichlorobenzene	8.38	146	564791	40.36	ng	#	91
15) Benzyl Alcohol	8.27	79	353820	41.65	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	8.56	45	453598	39.85	ng		78
17) 2-Methylphenol	8.47	107	419184	40.47	ng	#	81
18) Hexachloroethane	9.11	117	192402	41.17	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	333327	39.58	ng	#	70
20) 3+4-Methylphenols	8.79	107	585450	41.14	ng		86
22) Acetophenone	8.85	105	740493	40.51	ng	#	73
24) Nitrobenzene	9.23	77	492747	40.59	ng	#	69
25) Isophorone	9.75	82	946810	40.29	ng	#	88
26) 2-Nitrophenol	9.94	139	303430	41.26	ng	#	61
27) 2,4-Dimethylphenol	10.00	122	474695	39.99	ng		86
28) bis(2-Chloroethoxy)methane	10.23	93	625452	40.72	ng	#	97
29) 2,4-Dichlorophenol	10.47	162	511740	41.22	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	557963	40.32	ng		99
31) Naphthalene	10.88	128	1562950	39.81	ng		99
32) Benzoic acid	10.13	122	332861m	41.49	ng		
33) 4-Chloroaniline	10.98	127	693671	41.19	ng	#	80
34) Hexachlorobutadiene	11.16	225	325612	41.15	ng		96
35) Caprolactam	11.75	113	186793	38.75	ng	#	50
36) 4-Chloro-3-methylphenol	12.10	107	506407	40.50	ng	#	74
37) 2-Methylnaphthalene	12.48	142	1214621	40.20	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	592068	39.98	ng	#	97
40) Hexachlorocyclopentadiene	12.82	237	310244	41.46	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	428959	40.68	ng		94
43) 2,4,5-Trichlorophenol	13.15	196	445534	39.96	ng	#	92
45) 1,1'-Biphenyl	13.48	154	1546922	39.60	ng		98
46) 2-Chloronaphthalene	13.52	162	1169055	39.49	ng		97
47) 2-Nitroaniline	13.72	65	301912	39.93	ng	#	49
48) Acenaphthylene	14.36	152	1868705	39.25	ng		99
49) Dimethylphthalate	14.09	163	1491232	39.18	ng		98
50) 2,6-Dinitrotoluene	14.21	165	357961	40.22	ng	#	59
51) Acenaphthene	14.70	154	1183286	39.05	ng		99
52) 3-Nitroaniline	14.54	138	386638	39.83	ng	#	62
53) 2,4-Dinitrophenol	14.75	184	174408	38.14	ng	#	72
54) Dibenzofuran	15.03	168	1822331	38.59	ng		90
55) 4-Nitrophenol	14.85	139	318446	38.86	ng	#	39
56) 2,4-Dinitrotoluene	14.99	165	514365	40.70	ng	#	67
57) Fluorene	15.68	166	1503910	38.68	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	425801	37.55	ng	#	96
59) Diethylphthalate	15.44	149	1483549	38.34	ng		99
60) 4-Chlorophenyl-phenylether	15.67	204	765161	39.43	ng		88
61) 4-Nitroaniline	15.70	138	411040	39.71	ng	#	49
62) Azobenzene	15.96	77	1171743	39.25	ng		78
64) 4,6-Dinitro-2-methylphenol	15.76	198	318446	41.08	ng		84
65) n-Nitrosodiphenylamine	15.88	169	1328621	40.12	ng		98
66) 4-Bromophenyl-phenylether	16.56	248	505421	40.29	ng		94
67) Hexachlorobenzene	16.68	284	559464	40.57	ng		89
68) Atrazine	16.82	200	513061	39.62	ng		96
69) Pentachlorophenol	17.03	266	336771	40.42	ng		96
70) Phenanthrene	17.41	178	2335630	39.52	ng		99
71) Anthracene	17.50	178	2416290	39.56	ng		98
72) Carbazole	17.77	167	2284757	39.06	ng		97
73) Di-n-butylphthalate	18.32	149	2554473	38.95	ng	#	95
74) Fluoranthene	19.41	202	2694860	39.32	ng		97
76) Benzidine	19.59	184	1477134	43.33	ng		98
77) Pyrene	19.78	202	2706787	39.63	ng		97
79) Butylbenzylphthalate	20.65	149	1195561	40.68	ng	#	81
80) Benzo(a)anthracene	21.60	228	2740542	39.99	ng		99
81) 3,3'-Dichlorobenzidine	21.51	252	1165094	41.00	ng		99
82) Chrysene	21.66	228	2505794	39.74	ng		99
83) Bis(2-ethylhexyl)phthalate	21.49	149	1692682	39.96	ng		96
84) Di-n-octyl phthalate	22.68	149	2882673	40.76	ng	#	81
85) Indeno(1,2,3-cd)pyrene	28.39	276	3542495	40.98	ng	#	88
87) Benzo(b)fluoranthene	23.78	252	2958261	40.75	ng	#	96
88) Benzo(k)fluoranthene	23.84	252	2833778	40.50	ng	#	97
89) Benzo(a)pyrene	24.63	252	2851805	40.69	ng	#	97
90) Dibenzo(a,h)anthracene	28.45	278	2975945	41.34	ng	#	92
91) Benzo(g,h,i)perylene	29.53	276	2947212	40.94	ng	#	89

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

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