Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033038.D
Acq On : 8 Mar 2018 13:14
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/9/2018 11:41:21 AM

Quant Time: Mar 08 16:34:14 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 06 17:38:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	53328	20.00	ng		0.00
21) Naphthalene-d8	11.80	136	243658	20.00	ng		0.00
38) Acenaphthene-d10	15.53	164	138307	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	306761	20.00	ng		0.00
75) Chrysene-d12	22.61	240	286720	20.00	ng		0.00
86) Perylene-d12	26.41	264	314604	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.33	112	255056	76.52	ng		0.00
7) Phenol-d6	8.01	99	351357	75.62	ng		0.00
23) Nitrobenzene-d5	10.11	82	317293	89.74	ng		0.00
41) 2,4,6-Tribromophenol	17.00	330	118996	81.83	ng		0.00
44) 2-Fluorobiphenyl	14.16	172	693172	72.28	ng		0.00
78) Terphenyl-d14	20.77	244	907762	71.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.97	88	53644	37.082	ng		94
3) Pyridine	4.43	79	153870	38.590	ng		98
4) n-Nitrosodimethylamine	4.33	42	68680	42.963	ng	#	85
6) Aniline	8.20	93	227485	36.171	ng		98
8) 2-Chlorophenol	8.46	128	138714	38.020	ng		93
9) Benzaldehyde	8.01	77	104347	38.968	ng		91
10) Phenol	8.04	94	180436	38.525	ng		95
11) bis(2-Chloroethyl)ether	8.29	93	138757	36.231	ng		97
12) 1,3-Dichlorobenzene	8.80	146	156372	36.593	ng		99
13) 1,4-Dichlorobenzene	8.95	146	155572	36.167	ng		97
14) 1,2-Dichlorobenzene	9.28	146	148875	36.117	ng		96
15) Benzyl Alcohol	9.14	79	130439	38.189	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.44	45	272628	41.409	ng		99
17) 2-Methylphenol	9.34	107	128346	37.162	ng		94
18) Hexachloroethane	10.04	117	56924	38.867	ng	#	84
19) n-Nitroso-di-n-propylamine	9.72	70	119864	36.543	ng	#	93
20) 3+4-Methylphenols	9.68	107	181407	37.776	ng		96
22) Acetophenone	9.75	105	225697	36.678	ng	#	97
24) Nitrobenzene	10.16	77	167168	43.683	ng		96
25) Isophorone	10.68	82	302261	35.343	ng		96
26) 2-Nitrophenol	10.89	139	75464	53.017	ng		97
27) 2,4-Dimethylphenol	10.91	122	132665	35.709	ng		92
28) bis(2-Chloroethoxy)methane	11.16	93	174079	34.940	ng		94
29) 2,4-Dichlorophenol	11.42	162	127841	37.914	ng		96
30) 1,2,4-Trichlorobenzene	11.65	180	141110	35.701	ng		96
31) Naphthalene	11.85	128	465350	36.550	ng		99
32) Benzoic acid	11.02	122	94083	42.824	ng		87
33) 4-Chloroaniline	11.94	127	204466	35.916	ng		98
34) Hexachlorobutadiene	12.11	225	81711	36.855	ng		95
35) Caprolactam	12.68	113	51366	38.045	ng		97
36) 4-Chloro-3-methylphenol	12.99	107	155416	39.607	ng		94
37) 2-Methylnaphthalene	13.40	142	330248	35.852	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	151053	36.791	ng	#	97
40) Hexachlorocyclopentadiene	13.73	237	81410	38.907	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	100613	38.859	ng		93
43) 2,4,5-Trichlorophenol	14.05	196	116802	38.977	ng	#	96
45) 1,1'-Biphenyl	14.37	154	433342	35.855	ng		96
46) 2-Chloronaphthalene	14.42	162	319817	35.425	ng		95
47) 2-Nitroaniline	14.61	65	113422	49.444	ng		94
48) Acenaphthylene	15.26	152	534703	36.175	ng		99
49) Dimethylphthalate	14.95	163	411827	35.068	ng		100
50) 2,6-Dinitrotoluene	15.08	165	88954	46.179	ng		93
51) Acenaphthene	15.59	154	345473	37.530	ng		98
52) 3-Nitroaniline	15.41	138	103518	43.827	ng	#	87
53) 2,4-Dinitrophenol	15.61	184	40332	69.357	ng	#	1
54) Dibenzofuran	15.92	168	469787	35.841	ng		95
55) 4-Nitrophenol	15.68	139	65611	38.179	ng		91
56) 2,4-Dinitrotoluene	15.85	165	125236	53.545	ng		87
57) Fluorene	16.56	166	388072	35.872	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.13	232	92613m	39.806	ng		
59) Diethylphthalate	16.29	149	442008	35.685	ng		97
60) 4-Chlorophenyl-phenylether	16.54	204	190612	36.017	ng		90
61) 4-Nitroaniline	16.56	138	101178	40.703	ng		89
62) Azobenzene	16.83	77	405554	36.599	ng		96
64) 4,6-Dinitro-2-methylphenol	16.61	198	57693	59.056	ng		98
65) n-Nitrosodiphenylamine	16.75	169	354575	35.531	ng		100
66) 4-Bromophenyl-phenylether	17.43	248	113958	35.132	ng	#	88
67) Hexachlorobenzene	17.56	284	124527	35.525	ng	#	93
68) Atrazine	17.66	200	116034	35.324	ng		98
69) Pentachlorophenol	17.89	266	82028	37.152	ng		97
70) Phenanthrene	18.30	178	616313	36.012	ng		98
71) Anthracene	18.39	178	619259	36.042	ng		99
72) Carbazole	18.65	167	597561	35.285	ng		98
73) Di-n-butylphthalate	19.14	149	761217	36.638	ng		100
74) Fluoranthene	20.25	202	691234	36.564	ng		95
76) Benzidine	20.40	184	330510	33.817	ng		97
77) Pyrene	20.61	202	711211	35.174	ng		98
79) Butylbenzylphthalate	21.47	149	352910	39.367	ng		94
80) Benzo(a)anthracene	22.59	228	668273	36.347	ng		99
81) 3,3'-Dichlorobenzidine	22.48	252	241323	35.439	ng	#	99
82) Chrysene	22.67	228	644256	36.682	ng		97
83) Bis(2-ethylhexyl)phthalate	22.42	149	511482	38.545	ng	#	95
84) Di-n-octyl phthalate	23.83	149	828992	40.985	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	700511	34.200	ng		98
87) Benzo(b)fluoranthene	25.19	252	664744	35.736	ng	#	98
88) Benzo(k)fluoranthene	25.27	252	656460	35.509	ng	#	97
89) Benzo(a)pyrene	26.24	252	630758	35.651	ng	#	97
90) Dibenzo(a,h)anthracene	30.92	278	590075m	33.134	ng		
91) Benzo(g,h,i)perylene	32.23	276	593244m	33.793	ng		

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

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