Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035873.D
Acq On : 25 Jul 2018 14:33
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
7/26/2018 4:59:33 PM

Quant Time: Jul 25 17:13:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39947	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	176957	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	135793	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	359171	20.00	ng		0.00
75) Chrysene-d12	21.66	240	366391	20.00	ng		0.00
86) Perylene-d12	24.86	264	363182	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	180381	74.97	ng		0.00
7) Phenol-d6	7.20	99	285961	79.66	ng		0.00
23) Nitrobenzene-d5	9.19	82	312079	73.67	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	147539	82.43	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	770334	76.00	ng		0.00
78) Terphenyl-d14	20.00	244	1289286	77.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	43715	35.697	ng	#	66
3) Pyridine	3.92	79	114895	35.938	ng	#	77
4) n-Nitrosodimethylamine	3.83	42	45972	33.490	ng	#	71
6) Aniline	7.36	93	179059	38.482	ng		97
8) 2-Chlorophenol	7.60	128	98305	40.172	ng		99
9) Benzaldehyde	7.17	77	76820	34.876	ng		96
10) Phenol	7.22	94	144853	39.939	ng		91
11) bis(2-Chloroethyl)ether	7.45	93	111347	39.202	ng		95
12) 1,3-Dichlorobenzene	7.91	146	117314	39.698	ng		98
13) 1,4-Dichlorobenzene	8.07	146	121250	40.382	ng		94
14) 1,2-Dichlorobenzene	8.38	146	118328	41.022	ng		97
15) Benzyl Alcohol	8.27	79	128337	39.368	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.55	45	89463	37.569	ng		78
17) 2-Methylphenol	8.47	107	99648	40.411	ng	#	89
18) Hexachloroethane	9.11	117	45402	39.547	ng		94
19) n-Nitroso-di-n-propylamine	8.83	70	120059	39.715	ng	#	87
20) 3+4-Methylphenols	8.80	107	143225	41.868	ng		92
22) Acetophenone	8.85	105	209341	38.042	ng	#	93
24) Nitrobenzene	9.23	77	161106	37.818	ng		94
25) Isophorone	9.75	82	299906	38.139	ng		99
26) 2-Nitrophenol	9.94	139	65237	43.118	ng	#	90
27) 2,4-Dimethylphenol	10.00	122	102465	40.009	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	169798	39.188	ng		96
29) 2,4-Dichlorophenol	10.48	162	121613	41.599	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	144287	40.249	ng		99
31) Naphthalene	10.88	128	359918	39.046	ng		97
32) Benzoic acid	10.16	122	55922	32.436	ng		86
33) 4-Chloroaniline	10.99	127	157728	39.260	ng		95
34) Hexachlorobutadiene	11.16	225	111163	39.767	ng		98
35) Caprolactam	11.77	113	47064	37.514	ng	#	67
36) 4-Chloro-3-methylphenol	12.11	107	159544	40.714	ng		94
37) 2-Methylnaphthalene	12.48	142	280128	40.791	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	193803	37.813	ng		98
40) Hexachlorocyclopentadiene	12.82	237	101031	37.587	ng		87

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Quant Time: Jul 25 17:13:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	122669m	40.927	ng		
43) 2,4,5-Trichlorophenol	13.17	196	137407	40.980	ng		98
45) 1,1'-Biphenyl	13.49	154	406326	38.595	ng		98
46) 2-Chloronaphthalene	13.53	162	309980	37.853	ng		96
47) 2-Nitroaniline	13.73	65	109547	37.839	ng		87
48) Acenaphthylene	14.38	152	534835	38.989	ng		97
49) Dimethylphthalate	14.10	163	454617	38.211	ng		99
50) 2,6-Dinitrotoluene	14.23	165	100512	41.486	ng		91
51) Acenaphthene	14.72	154	326965	38.263	ng		96
52) 3-Nitroaniline	14.56	138	95435	38.540	ng	#	95
53) 2,4-Dinitrophenol	14.77	184	39546	35.712	ng	#	67
54) Dibenzofuran	15.05	168	525266	38.650	ng		94
55) 4-Nitrophenol	14.87	139	69778	39.568	ng	#	87
56) 2,4-Dinitrotoluene	15.02	165	146461	42.137	ng	#	89
57) Fluorene	15.70	166	440915	38.709	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	128350	39.924	ng	#	93
59) Diethylphthalate	15.46	149	458964	37.516	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	257341	38.439	ng		98
61) 4-Nitroaniline	15.72	138	97549	37.660	ng		88
62) Azobenzene	15.98	77	431249	35.737	ng		96
64) 4,6-Dinitro-2-methylphenol	15.78	198	81778	40.902	ng		88
65) n-Nitrosodiphenylamine	15.90	169	409029	40.009	ng		98
66) 4-Bromophenyl-phenylether	16.58	248	172901	41.493	ng		96
67) Hexachlorobenzene	16.70	284	174723	40.716	ng		95
68) Atrazine	16.85	200	154362	36.672	ng		96
69) Pentachlorophenol	17.05	266	107492	41.126	ng		97
70) Phenanthrene	17.44	178	697795	38.935	ng		98
71) Anthracene	17.53	178	694601	38.923	ng		98
72) Carbazole	17.80	167	624273	36.836	ng		99
73) Di-n-butylphthalate	18.35	149	740150	36.957	ng	#	98
74) Fluoranthene	19.44	202	881132	36.500	ng		97
76) Benzidine	19.63	184	366827	38.082	ng		99
77) Pyrene	19.80	202	908202	39.202	ng		97
79) Butylbenzylphthalate	20.68	149	329585	39.782	ng		98
80) Benzo(a)anthracene	21.64	228	871815	38.183	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	320187	40.218	ng	#	96
82) Chrysene	21.71	228	824841	38.984	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	456731	40.551	ng		99
84) Di-n-octyl phthalate	22.74	149	786709	41.716	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.51	276	934834	39.907	ng	#	94
87) Benzo(b)fluoranthene	23.84	252	835270	37.839	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	844024	39.110	ng	#	98
89) Benzo(a)pyrene	24.71	252	799918	38.952	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	789836	39.176	ng	#	95
91) Benzo(g,h,i)perylene	29.64	276	774219	39.244	ng	#	93

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

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