Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072518\
Data File : BG035866.D
Acq On : 25 Jul 2018 10:00
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/26/2018 4:59:19 PM

Quant Time: Jul 25 11:46:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 14:48:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	42252	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	179677	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	127845	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	329291	20.00	ng		0.00
75) Chrysene-d12	21.66	240	333035	20.00	ng		0.00
86) Perylene-d12	24.86	264	329694	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	199171	78.26	ng		0.00
7) Phenol-d6	7.20	99	302166	79.58	ng		0.00
23) Nitrobenzene-d5	9.19	82	318438	74.04	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	135930	80.67	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	750264	78.62	ng		0.00
78) Terphenyl-d14	20.00	244	1167831	77.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	46004	35.516	ng	#	72
3) Pyridine	3.92	79	126226	37.329	ng	#	73
4) n-Nitrosodimethylamine	3.84	42	49167	33.863	ng	#	73
6) Aniline	7.35	93	188391	38.279	ng		98
8) 2-Chlorophenol	7.60	128	105168	40.632	ng		97
9) Benzaldehyde	7.17	77	82634	35.469	ng		96
10) Phenol	7.22	94	155943	40.651	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	117630	39.155	ng		89
12) 1,3-Dichlorobenzene	7.92	146	127432	40.769	ng		95
13) 1,4-Dichlorobenzene	8.07	146	127447	40.130	ng		97
14) 1,2-Dichlorobenzene	8.38	146	122045	40.003	ng		97
15) Benzyl Alcohol	8.27	79	130934	37.973	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	91180	36.202	ng		71
17) 2-Methylphenol	8.47	107	101486	38.911	ng	#	90
18) Hexachloroethane	9.11	117	47807	39.371	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	117300	36.686	ng	#	83
20) 3+4-Methylphenols	8.80	107	147820	40.854	ng		94
22) Acetophenone	8.85	105	209832	37.554	ng	#	91
24) Nitrobenzene	9.23	77	159836	36.951	ng		96
25) Isophorone	9.75	82	296397	37.123	ng		98
26) 2-Nitrophenol	9.95	139	65234	42.464	ng	#	92
27) 2,4-Dimethylphenol	10.00	122	96771	37.214	ng		84
28) bis(2-Chloroethoxy)methane	10.23	93	168938	38.399	ng		93
29) 2,4-Dichlorophenol	10.48	162	125508	42.281	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	145158	39.879	ng		99
31) Naphthalene	10.88	128	359982	38.461	ng		98
32) Benzoic acid	10.16	122	69041	39.439	ng		95
33) 4-Chloroaniline	10.99	127	155081	38.016	ng	#	91
34) Hexachlorobutadiene	11.16	225	113659	40.044	ng		98
35) Caprolactam	11.77	113	45831	35.978	ng	#	72
36) 4-Chloro-3-methylphenol	12.11	107	151707	38.128	ng		97
37) 2-Methylnaphthalene	12.48	142	273577	39.234	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	191396	39.665	ng		99
40) Hexachlorocyclopentadiene	12.82	237	103576	40.929	ng		90

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Quant Time: Jul 25 11:46:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 24 14:48:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	120589	42.734	ng		96
43) 2,4,5-Trichlorophenol	13.16	196	132390	41.938	ng		97
45) 1,1'-Biphenyl	13.49	154	383892	38.731	ng		98
46) 2-Chloronaphthalene	13.53	162	304943	39.553	ng		98
47) 2-Nitroaniline	13.73	65	103033	37.801	ng		91
48) Acenaphthylene	14.37	152	495571	38.372	ng		98
49) Dimethylphthalate	14.10	163	426212	38.051	ng	#	98
50) 2,6-Dinitrotoluene	14.23	165	95703	41.957	ng		93
51) Acenaphthene	14.72	154	310014	38.535	ng		96
52) 3-Nitroaniline	14.56	138	90301	38.734	ng	#	97
53) 2,4-Dinitrophenol	14.76	184	41933	39.391	ng	#	68
54) Dibenzofuran	15.05	168	493288	38.554	ng		95
55) 4-Nitrophenol	14.87	139	67955	40.930	ng	#	87
56) 2,4-Dinitrotoluene	15.01	165	132538	40.502	ng	#	86
57) Fluorene	15.70	166	412545	38.470	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.28	232	120705	39.880	ng		93
59) Diethylphthalate	15.46	149	430940	37.416	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	243965	38.707	ng		98
61) 4-Nitroaniline	15.73	138	94446	38.729	ng		89
62) Azobenzene	15.98	77	401771	35.364	ng		96
64) 4,6-Dinitro-2-methylphenol	15.78	198	78896	43.041	ng		86
65) n-Nitrosodiphenylamine	15.90	169	378907	40.426	ng		96
66) 4-Bromophenyl-phenylether	16.58	248	157423	41.207	ng		98
67) Hexachlorobenzene	16.70	284	161880	41.147	ng		98
68) Atrazine	16.85	200	148924	38.591	ng		98
69) Pentachlorophenol	17.05	266	109564	45.722	ng		99
70) Phenanthrene	17.44	178	628331	38.240	ng		98
71) Anthracene	17.53	178	642887	39.294	ng		99
72) Carbazole	17.80	167	586869	37.771	ng		98
73) Di-n-butylphthalate	18.35	149	709963	38.667	ng	#	98
74) Fluoranthene	19.44	202	788509	35.627	ng		96
76) Benzidine	19.63	184	286706m	32.746	ng		
77) Pyrene	19.81	202	810149	38.472	ng		98
79) Butylbenzylphthalate	20.68	149	318168	42.251	ng		99
80) Benzo(a)anthracene	21.64	228	802741	38.679	ng		99
81) 3,3'-Dichlorobenzidine	21.56	252	287290	39.700	ng	#	99
82) Chrysene	21.71	228	747722	38.879	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	437084	42.693	ng	#	99
84) Di-n-octyl phthalate	22.74	149	741962	43.284	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	858995	40.343	ng	#	94
87) Benzo(b)fluoranthene	23.84	252	750299	37.443	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	759418	38.764	ng	#	96
89) Benzo(a)pyrene	24.71	252	730964	39.210	ng	#	98
90) Dibenzo(a,h)anthracene	28.57	278	733712	40.089	ng	#	96
91) Benzo(g,h,i)perylene	29.64	276	713215	39.823	ng	#	95

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

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