Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070218\
Data File : BG035551.D
Acq On : 2 Jul 2018 15:04
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
7/3/2018 12:12:03 PM

Quant Time: Jul 02 15:39:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	30371	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	122476	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	88884	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	245376	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	264773	20.00	ng	-0.02
86) Perylene-d12	24.91	264	268189	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	144593	80.35	ng	0.00
7) Phenol-d6	7.23	99	217094	81.73	ng	0.00
23) Nitrobenzene-d5	9.23	82	232290	90.15	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	106942	93.99	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	545009	79.71	ng	-0.02
78) Terphenyl-d14	20.03	244	996873	78.86	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	35588	41.447	ng	# 69
3) Pyridine	3.95	79	96702	41.740	ng	# 69
4) n-Nitrosodimethylamine	3.87	42	36963	37.137	ng	# 67
6) Aniline	7.39	93	133986	39.024	ng	97
8) 2-Chlorophenol	7.63	128	75563	40.057	ng	95
9) Benzaldehyde	7.21	77	76290	37.288	ng	97
10) Phenol	7.26	94	110872	40.334	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	85364	40.010	ng	84
12) 1,3-Dichlorobenzene	7.95	146	90754	40.321	ng	95
13) 1,4-Dichlorobenzene	8.10	146	93049	40.048	ng	95
14) 1,2-Dichlorobenzene	8.42	146	88305	40.462	ng	95
15) Benzyl Alcohol	8.30	79	94582	37.579	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.59	45	79379m	37.381	ng	
17) 2-Methylphenol	8.50	107	73438	40.522	ng	# 89
18) Hexachloroethane	9.15	117	32850	39.492	ng	90
19) n-Nitroso-di-n-propylamine	8.87	70	85775	38.010	ng	# 81
20) 3+4-Methylphenols	8.83	107	102995	39.649	ng	91
22) Acetophenone	8.88	105	150349	39.629	ng	# 89
24) Nitrobenzene	9.27	77	113766	43.119	ng	92
25) Isophorone	9.79	82	202704	37.262	ng	99
26) 2-Nitrophenol	9.98	139	44560	48.997	ng	# 89
27) 2,4-Dimethylphenol	10.03	122	73579	38.491	ng	94
28) bis(2-Chloroethoxy)methane	10.27	93	115391	39.472	ng	94
29) 2,4-Dichlorophenol	10.52	162	88748	42.667	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	103989	41.693	ng	96
31) Naphthalene	10.92	128	262737	41.295	ng	97
32) Benzoic acid	10.18	122	41935	32.751	ng	96
33) 4-Chloroaniline	11.03	127	112167	40.601	ng	94
34) Hexachlorobutadiene	11.20	225	83388	42.990	ng	98
35) Caprolactam	11.80	113	31684	41.217	ng	# 64
36) 4-Chloro-3-methylphenol	12.14	107	109741	42.325	ng	91
37) 2-Methylnaphthalene	12.52	142	200255	41.514	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	140704	42.499	ng	99
40) Hexachlorocyclopentadiene	12.87	237	68892	33.183	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	85422	43.090	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	92385	42.459	ng		97
45) 1,1'-Biphenyl	13.52	154	284805	39.849	ng		97
46) 2-Chloronaphthalene	13.56	162	216448	40.056	ng		99
47) 2-Nitroaniline	13.76	65	73441	46.025	ng		85
48) Acenaphthylene	14.41	152	361067	39.849	ng		98
49) Dimethylphthalate	14.13	163	301068	38.843	ng	#	99
50) 2,6-Dinitrotoluene	14.26	165	65703	46.465	ng	#	89
51) Acenaphthene	14.75	154	227428	38.416	ng		98
52) 3-Nitroaniline	14.59	138	64915	46.784	ng	#	94
53) 2,4-Dinitrophenol	14.79	184	23369	40.836	ng	#	54
54) Dibenzofuran	15.08	168	362220	40.852	ng		94
55) 4-Nitrophenol	14.89	139	49619	42.372	ng	#	85
56) 2,4-Dinitrotoluene	15.04	165	94347	50.228	ng	#	91
57) Fluorene	15.73	166	306312	41.337	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	90482	42.806	ng		94
59) Diethylphthalate	15.50	149	306148	38.714	ng		100
60) 4-Chlorophenyl-phenylether	15.72	204	178589	42.265	ng		98
61) 4-Nitroaniline	15.75	138	70972	47.694	ng	#	85
62) Azobenzene	16.01	77	300344	38.758	ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	52975	47.286	ng		90
65) n-Nitrosodiphenylamine	15.93	169	280033	38.002	ng		94
66) 4-Bromophenyl-phenylether	16.61	248	120100	40.644	ng		94
67) Hexachlorobenzene	16.74	284	124117	41.268	ng		94
68) Atrazine	16.88	200	120966	38.494	ng		95
69) Pentachlorophenol	17.08	266	72663	35.929	ng		96
70) Phenanthrene	17.47	178	498216	39.970	ng		99
71) Anthracene	17.56	178	498669	39.939	ng		98
72) Carbazole	17.83	167	466948	40.308	ng		98
73) Di-n-butylphthalate	18.38	149	525556	38.062	ng	#	98
74) Fluoranthene	19.47	202	663135	40.885	ng		97
76) Benzidine	19.65	184	361889	36.738	ng		97
77) Pyrene	19.83	202	671994	38.499	ng		98
79) Butylbenzylphthalate	20.71	149	242544	38.267	ng		96
80) Benzo(a)anthracene	21.67	228	681810	40.297	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	246586	38.737	ng	#	98
82) Chrysene	21.74	228	628501	40.571	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	324779	36.264	ng		99
84) Di-n-octyl phthalate	22.79	149	549737	35.779	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.60	276	728412	40.148	ng	#	89
87) Benzo(b)fluoranthene	23.89	252	649697	39.338	ng	#	97
88) Benzo(k)fluoranthene	23.96	252	633218	39.194	ng	#	97
89) Benzo(a)pyrene	24.77	252	611108	39.323	ng	#	97
90) Dibenzo(a,h)anthracene	28.66	278	611907	39.886	ng	#	97
91) Benzo(g,h,i)perylene	29.74	276	595181	39.642	ng	#	92

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

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