Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031964.D
Acq On : 10 Jan 2018 3:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/10/2018 11:48:20 AM

Quant Time: Jan 10 04:00:46 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	65313	20.00	ng		0.00
21) Naphthalene-d8	11.66	136	275790	20.00	ng		-0.01
38) Acenaphthene-d10	15.41	164	188006	20.00	ng		-0.02
63) Phenanthrene-d10	18.14	188	483531	20.00	ng		-0.02
75) Chrysene-d12	22.49	240	530670	20.00	ng		-0.03
86) Perylene-d12	26.20	264	562318	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	279162	77.85	ng		0.00
7) Phenol-d6	7.89	99	369978	79.47	ng		0.00
23) Nitrobenzene-d5	9.98	82	321637	88.07	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	251986	87.84	ng		-0.02
44) 2-Fluorobiphenyl	14.04	172	1112227	74.25	ng		-0.01
78) Terphenyl-d14	20.68	244	1715648	73.86	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	48553	36.526	ng	#	71
3) Pyridine	4.31	79	146678	41.281	ng	#	76
4) n-Nitrosodimethylamine	4.22	42	60995	42.541	ng	#	92
6) Aniline	8.07	93	227446	37.971	ng		91
8) 2-Chlorophenol	8.33	128	160927	38.688	ng	#	81
9) Benzaldehyde	7.88	77	93837	33.473	ng		82
10) Phenol	7.91	94	181555	38.626	ng		91
11) bis(2-Chloroethyl)ether	8.17	93	142203	36.428	ng	#	82
12) 1,3-Dichlorobenzene	8.67	146	198273m	38.384	ng		
13) 1,4-Dichlorobenzene	8.82	146	200903	38.074	ng		95
14) 1,2-Dichlorobenzene	9.15	146	193039	38.609	ng		96
15) Benzyl Alcohol	9.01	79	137985	39.481	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.31	45	107375	33.777	ng		82
17) 2-Methylphenol	9.21	107	130111	38.687	ng		97
18) Hexachloroethane	9.91	117	63076	39.469	ng	#	83
19) n-Nitroso-di-n-propylamine	9.59	70	116119	36.521	ng	#	84
20) 3+4-Methylphenols	9.55	107	186955	39.112	ng		95
22) Acetophenone	9.62	105	240622	37.554	ng	#	87
24) Nitrobenzene	10.02	77	160030	42.514	ng	#	86
25) Isophorone	10.55	82	291973	37.136	ng	#	87
26) 2-Nitrophenol	10.75	139	100613	50.979	ng	#	85
27) 2,4-Dimethylphenol	10.78	122	155146	37.357	ng		89
28) bis(2-Chloroethoxy)methane	11.03	93	190647	36.138	ng	#	94
29) 2,4-Dichlorophenol	11.29	162	190387	39.050	ng		91
30) 1,2,4-Trichlorobenzene	11.52	180	227314	38.185	ng		97
31) Naphthalene	11.72	128	532150	38.233	ng		99
32) Benzoic acid	10.91	122	117950	42.534	ng	#	78
33) 4-Chloroaniline	11.80	127	228900	36.939	ng	#	92
34) Hexachlorobutadiene	11.98	225	165185	40.419	ng		98
35) Caprolactam	12.57	113	59577	40.313	ng	#	48
36) 4-Chloro-3-methylphenol	12.88	107	177501	39.420	ng	#	77
37) 2-Methylnaphthalene	13.27	142	426340	37.785	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	303782	38.361	ng	#	97
40) Hexachlorocyclopentadiene	13.60	237	180381	43.178	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	185981	40.734	ng		98
43) 2,4,5-Trichlorophenol	13.93	196	207400	40.990	ng	#	92
45) 1,1'-Biphenyl	14.25	154	612133	38.121	ng		94
46) 2-Chloronaphthalene	14.31	162	463314	37.828	ng		97
47) 2-Nitroaniline	14.49	65	104552	49.426	ng	#	69
48) Acenaphthylene	15.14	152	737938	37.660	ng		99
49) Dimethylphthalate	14.84	163	625026	37.737	ng	#	98
50) 2,6-Dinitrotoluene	14.97	165	138745	45.537	ng	#	62
51) Acenaphthene	15.48	154	505834	39.417	ng		98
52) 3-Nitroaniline	15.30	138	135619	45.622	ng	#	73
53) 2,4-Dinitrophenol	15.49	184	86601m	68.155	ng		
54) Dibenzofuran	15.81	168	744195	37.831	ng		98
55) 4-Nitrophenol	15.57	139	106851	44.163	ng	#	73
56) 2,4-Dinitrotoluene	15.75	165	197849	50.499	ng	#	62
57) Fluorene	16.45	166	604169	37.806	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.02	232	203993	41.323	ng	#	85
59) Diethylphthalate	16.19	149	612023	37.913	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	370064	37.847	ng		91
61) 4-Nitroaniline	16.46	138	140302	48.366	ng		79
62) Azobenzene	16.72	77	388178	37.495	ng		85
64) 4,6-Dinitro-2-methylphenol	16.50	198	125098	52.285	ng	#	70
65) n-Nitrosodiphenylamine	16.63	169	588724	36.660	ng		99
66) 4-Bromophenyl-phenylether	17.32	248	261934	37.461	ng		92
67) Hexachlorobenzene	17.44	284	272963	38.188	ng	#	91
68) Atrazine	17.56	200	235503	37.714	ng		99
69) Pentachlorophenol	17.78	266	204755	41.647	ng		98
70) Phenanthrene	18.18	178	1007320	36.812	ng		98
71) Anthracene	18.28	178	1012729	36.688	ng		99
72) Carbazole	18.53	167	909730	37.236	ng		99
73) Di-n-butylphthalate	19.04	149	1010169	37.205	ng		99
74) Fluoranthene	20.15	202	1254560	37.365	ng		95
76) Benzidine	20.31	184	720846	44.009	ng		97
77) Pyrene	20.50	202	1280366	37.772	ng		98
79) Butylbenzylphthalate	21.36	149	449032	39.461	ng	#	78
80) Benzo(a)anthracene	22.46	228	1277942	37.858	ng		100
81) 3,3'-Dichlorobenzidine	22.35	252	504336	38.534	ng	#	97
82) Chrysene	22.54	228	1191619	37.309	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	618185	37.497	ng	#	98
84) Di-n-octyl phthalate	23.70	149	1024389	36.895	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.54	276	1547926	37.777	ng	#	84
87) Benzo(b)fluoranthene	25.01	252	1302644	37.319	ng	#	96
88) Benzo(k)fluoranthene	25.09	252	1296298	37.109	ng	#	97
89) Benzo(a)pyrene	26.03	252	1260148	37.695	ng	#	97
90) Dibenzo(a,h)anthracene	30.61	278	1283282	37.169	ng	#	97
91) Benzo(g,h,i)perylene	30.54	276	1547926	37.974	ng	#	92

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

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