Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033328.D
Acq On : 26 Mar 2018 14:17
Operator : SJ/JU
Sample : J1994-10MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-MW-03-031918MSD

Manual Integrations APPROVED
Sohil
3/27/2018 2:57:42 PM

Quant Time: Mar 27 10:06:36 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	40932	20.00	ng		-0.03
21) Naphthalene-d8	11.75	136	174654	20.00	ng		-0.03
38) Acenaphthene-d10	15.49	164	137743	20.00	ng		-0.02
63) Phenanthrene-d10	18.22	188	349439	20.00	ng		-0.02
75) Chrysene-d12	22.56	240	354092	20.00	ng		-0.04
86) Perylene-d12	26.33	264	391561	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	167796	76.87	ng		-0.02
7) Phenol-d6	7.97	99	161320	43.01	ng		-0.02
23) Nitrobenzene-d5	10.07	82	350952	92.32	ng		-0.02
41) 2,4,6-Tribromophenol	16.96	330	303570	147.36	ng		-0.02
44) 2-Fluorobiphenyl	14.11	172	867997	90.97	ng		-0.02
78) Terphenyl-d14	20.73	244	1596535	96.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	19071	17.203	ng		87
3) Pyridine	4.39	79	36273	11.837	ng		96
4) n-Nitrosodimethylamine	4.30	42	25020	19.895	ng	#	80
6) Aniline	8.16	93	61085	13.849	ng		99
8) 2-Chlorophenol	8.41	128	102464	41.059	ng		94
9) Benzaldehyde	7.97	77	37015	15.529	ng		92
10) Phenol	8.00	94	55952	15.110	ng		89
11) bis(2-Chloroethyl)ether	8.25	93	120961	40.019	ng		97
12) 1,3-Dichlorobenzene	8.75	146	126418	38.747	ng		95
13) 1,4-Dichlorobenzene	8.90	146	128391	39.294	ng		96
14) 1,2-Dichlorobenzene	9.24	146	125020	39.203	ng		96
15) Benzyl Alcohol	9.10	79	87119	29.502	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.39	45	200244	40.639	ng		89
17) 2-Methylphenol	9.30	107	79880	31.665	ng	#	92
18) Hexachloroethane	9.99	117	48359	38.347	ng		95
19) n-Nitroso-di-n-propylamine	9.68	70	120502	43.845	ng		93
20) 3+4-Methylphenols	9.64	107	102085	28.422	ng		95
22) Acetophenone	9.71	105	214970	44.927	ng	#	97
24) Nitrobenzene	10.11	77	180630	44.393	ng	#	92
25) Isophorone	10.63	82	348707	47.263	ng		97
26) 2-Nitrophenol	10.83	139	73266	47.561	ng	#	91
27) 2,4-Dimethylphenol	10.87	122	112022	50.058	ng		85
28) bis(2-Chloroethoxy)methane	11.11	93	182459	49.564	ng		97
29) 2,4-Dichlorophenol	11.38	162	135423	49.207	ng		94
30) 1,2,4-Trichlorobenzene	11.60	180	145787	40.772	ng		97
31) Naphthalene	11.80	128	389617	43.049	ng		100
32) Benzoic acid	10.96	122	32376m	15.563	ng		
33) 4-Chloroaniline	11.90	127	70046	17.274	ng	#	92
34) Hexachlorobutadiene	12.06	225	103935	38.437	ng		96
35) Caprolactam	12.63	113	7824	7.257	ng	#	92
36) 4-Chloro-3-methylphenol	12.96	107	155185	43.233	ng		97
37) 2-Methylnaphthalene	13.35	142	313134	44.575	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	209320	41.953	ng		99
40) Hexachlorocyclopentadiene	13.68	237	228483	78.116	ng		92

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033328.D
Acq On : 26 Mar 2018 14:17
Operator : SJ/JU
Sample : J1994-10MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR-MW-03-031918MSD

Manual Integrations APPROVED
Sohil
3/27/2018 2:57:42 PM

Quant Time: Mar 27 10:06:36 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	143883	49.634	ng		94
43) 2,4,5-Trichlorophenol	14.01	196	160360	46.801	ng		99
45) 1,1'-Biphenyl	14.32	154	445768	42.123	ng		94
46) 2-Chloronaphthalene	14.38	162	349617	42.847	ng		99
47) 2-Nitroaniline	14.57	65	134134	43.889	ng		96
48) Acenaphthylene	15.22	152	580338	42.609	ng		99
49) Dimethylphthalate	14.91	163	555553	46.345	ng		100
50) 2,6-Dinitrotoluene	15.05	165	116226	47.418	ng		91
51) Acenaphthene	15.55	154	434244	49.458	ng		97
52) 3-Nitroaniline	15.38	138	50786	19.763	ng	#	87
53) 2,4-Dinitrophenol	15.58	184	132367	101.962	ng	#	80
54) Dibenzofuran	15.88	168	580803	44.784	ng		92
55) 4-Nitrophenol	15.66	139	65829	36.431	ng		91
56) 2,4-Dinitrotoluene	15.82	165	166643	46.175	ng	#	89
57) Fluorene	16.52	166	490200	44.367	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.09	232	165695	51.367	ng		93
59) Diethylphthalate	16.25	149	528466	45.401	ng		98
60) 4-Chlorophenyl-phenylether	16.50	204	283021	44.561	ng		97
61) 4-Nitroaniline	16.53	138	96316	37.012	ng		89
62) Azobenzene	16.79	77	492891	43.713	ng		97
64) 4,6-Dinitro-2-methylphenol	16.58	198	89469	42.799	ng		93
65) n-Nitrosodiphenylamine	16.71	169	451661	45.275	ng		96
66) 4-Bromophenyl-phenylether	17.39	248	192407	46.885	ng		93
67) Hexachlorobenzene	17.51	284	197403	45.578	ng		96
68) Atrazine	17.63	200	190504	47.126	ng		96
69) Pentachlorophenol	17.86	266	253267	85.200	ng		95
70) Phenanthrene	18.26	178	819627	45.037	ng		99
71) Anthracene	18.35	178	848847	46.066	ng		99
72) Carbazole	18.61	167	715415	43.813	ng		98
73) Di-n-butylphthalate	19.10	149	853743	44.920	ng	#	98
74) Fluoranthene	20.21	202	1010467	44.868	ng		96
76) Benzidine	20.37	184	155072	16.149	ng		99
77) Pyrene	20.57	202	1024622	43.387	ng		98
79) Butylbenzylphthalate	21.42	149	395472	45.379	ng		95
80) Benzo(a)anthracene	22.54	228	1024698	45.447	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	247125	30.801	ng	#	97
82) Chrysene	22.62	228	972746	44.569	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	556668	46.337	ng		98
84) Di-n-octyl phthalate	23.76	149	961859	52.292	ng		96
85) Indeno(1,2,3-cd)pyrene	30.72	276	1191339	50.486	ng	#	90
87) Benzo(b)fluoranthene	25.12	252	1019603	45.071	ng	#	97
88) Benzo(k)fluoranthene	25.20	252	1025384	44.816	ng	#	98
89) Benzo(a)pyrene	26.15	252	1004315	46.229	ng	#	97
90) Dibenzo(a,h)anthracene	30.79	278	1010622	49.385	ng	#	96
91) Benzo(g,h,i)perylene	32.10	276	994374	49.070	ng	#	94

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG032618\
Data File : BG033328.D
Acq On : 26 Mar 2018 14:17
Operator : SJ/JU
Sample : J1994-10MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 27 10:06:36 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 15:11:46 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PR-MW-03-031918MSD

Manual Integrations APPROVED
Sohil
3/27/2018 2:57:42 PM