Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN020918\
Data File : BN000054.D
Acq On : 09 Feb 2018 12:23
Operator : JU/SJ
Sample : MDL-W-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
2/13/2018 11:33:36 AM

Quant Time: Feb 12 15:02:18 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	303524	20.00	ng		0.00
21) Naphthalene-d8	11.30	136	1511457	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	927249	20.00	ng		0.00
63) Phenanthrene-d10	17.80	188	2077366	20.00	ng		0.00
75) Chrysene-d12	21.93	240	2320836	20.00	ng		0.01
86) Perylene-d12	24.43	264	2437293	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.93	112	2561332	137.53	ng		-0.01
7) Phenol-d6	7.58	99	3721580	131.92	ng		-0.01
23) Nitrobenzene-d5	9.64	82	2193583	86.29	ng		-0.01
41) 2,4,6-Tribromophenol	16.55	330	1240071	135.11	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	5778877	87.84	ng		0.00
78) Terphenyl-d14	20.36	244	7590857	88.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	29176	3.893	ng		96
3) Pyridine	4.12	79	75078	3.218	ng	#	91
4) n-Nitrosodimethylamine	4.01	42	24169	3.664	ng	#	91
6) Aniline	7.77	93	133370	3.432	ng		90
8) 2-Chlorophenol	8.01	128	81235	3.730	ng		89
9) Benzaldehyde	7.58	77	57702	3.288	ng		94
10) Phenol	7.61	94	110845	3.722	ng		93
11) bis(2-Chloroethyl)ether	7.86	93	92035	3.758	ng		84
12) 1,3-Dichlorobenzene	8.35	146	95428	3.856	ng		93
13) 1,4-Dichlorobenzene	8.50	146	98063	3.880	ng		97
14) 1,2-Dichlorobenzene	8.83	146	96947	3.897	ng		93
15) Benzyl Alcohol	8.69	79	61119	3.014	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.99	45	98527	3.801	ng		79
17) 2-Methylphenol	8.89	107	68824	3.252	ng		97
18) Hexachloroethane	9.57	117	30658	3.485	ng	#	80
19) n-Nitroso-di-n-propylamine	9.26	70	57874	3.062	ng	#	83
20) 3+4-Methylphenols	9.22	107	89665	3.030	ng		93
22) Acetophenone	9.29	105	149077	3.520	ng	#	88
24) Nitrobenzene	9.68	77	114374	4.115	ng		97
25) Isophorone	10.20	82	157770	3.002	ng		97
26) 2-Nitrophenol	10.40	139	22954	8.906	ng		88
27) 2,4-Dimethylphenol	10.44	122	68581	3.010	ng		95
28) bis(2-Chloroethoxy)methane	10.69	93	118885	3.527	ng		95
29) 2,4-Dichlorophenol	10.93	162	53934	2.558	ng		96
30) 1,2,4-Trichlorobenzene	11.16	180	92997	3.830	ng		97
31) Naphthalene	11.36	128	323195	3.900	ng		98
32) Benzoic acid	10.48	122	18404m	11.392	ng		
33) 4-Chloroaniline	11.45	127	116936	3.212	ng		94
34) Hexachlorobutadiene	11.63	225	47663	3.786	ng		96
35) Caprolactam	12.17	113	17160	5.725	ng		91
36) 4-Chloro-3-methylphenol	12.53	107	65963	2.464	ng		98
37) 2-Methylnaphthalene	12.93	142	212072	3.678	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.29	216	102162	3.733	ng	#	95
40) Hexachlorocyclopentadiene	13.27	237	32347	2.835	ng		88

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN020918\
Data File : BN000054.D
Acq On : 09 Feb 2018 12:23
Operator : JU/SJ
Sample : MDL-W-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
2/13/2018 11:33:36 AM

Quant Time: Feb 12 15:02:18 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.52	196	36760	2.241	ng		98
43) 2,4,5-Trichlorophenol	13.58	196	47587	2.413	ng	#	90
45) 1,1'-Biphenyl	13.92	154	321162	3.933	ng		95
46) 2-Chloronaphthalene	13.96	162	229681	3.748	ng		97
47) 2-Nitroaniline	14.15	65	33862	6.571	ng	#	84
48) Acenaphthylene	14.80	152	331329	3.356	ng		96
49) Dimethylphthalate	14.51	163	266946	3.444	ng		99
50) 2,6-Dinitrotoluene	14.63	165	34561	2.160	ng		89
51) Acenaphthene	15.14	154	241806	3.763	ng		99
52) 3-Nitroaniline	14.96	138	42573	2.189	ng	#	97
53) 2,4-Dinitrophenol	15.16	184	8409	10.539	ng	#	15
54) Dibenzofuran	15.47	168	360592	3.962	ng		95
55) 4-Nitrophenol	15.23	139	25389	6.470	ng	#	85
56) 2,4-Dinitrotoluene	15.41	165	42342	5.870	ng		91
57) Fluorene	16.11	166	283147	3.810	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.68	232	40598	2.609	ng	#	87
59) Diethylphthalate	15.86	149	258380	3.280	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	131671	3.888	ng		91
61) 4-Nitroaniline	16.10	138	44456	2.224	ng		92
62) Azobenzene	16.39	77	254167	3.241	ng		91
64) 4,6-Dinitro-2-methylphenol	16.16	198	15339	9.984	ng		82
65) n-Nitrosodiphenylamine	16.30	169	232209	3.435	ng		96
66) 4-Bromophenyl-phenylether	16.98	248	68644	3.475	ng	#	82
67) Hexachlorobenzene	17.10	284	85675	3.714	ng	#	83
68) Atrazine	17.23	200	56172	2.553	ng		95
69) Pentachlorophenol	17.43	266	27876	7.458	ng		96
70) Phenanthrene	17.84	178	485228	3.954	ng		98
71) Anthracene	17.93	178	411061	3.460	ng		98
72) Carbazole	18.19	167	414097	3.460	ng		96
73) Di-n-butylphthalate	18.72	149	317550	2.403	ng	#	99
74) Fluoranthene	19.82	202	463480	3.600	ng		96
76) Benzidine	19.99	184	107675	1.455	ng	#	93
77) Pyrene	20.17	202	526335	3.568	ng		98
79) Butylbenzylphthalate	21.04	149	110738	6.781	ng	#	92
80) Benzo(a)anthracene	21.92	228	521232	3.654	ng		98
81) 3,3'-Dichlorobenzidine	21.83	252	123169	2.351	ng	#	97
82) Chrysene	21.97	228	561972	3.953	ng		98
83) Bis(2-ethylhexyl)phthalate	21.82	149	175225	4.489	ng	#	93
84) Di-n-octyl phthalate	22.78	149	239702	7.767	ng		99
85) Indeno(1,2,3-cd)pyrene	26.99	276	581106	3.328	ng	#	86
87) Benzo(b)fluoranthene	23.67	252	508997	3.568	ng	#	96
88) Benzo(k)fluoranthene	23.72	252	511466	3.560	ng	#	96
89) Benzo(a)pyrene	24.32	252	455079	3.326	ng	#	94
90) Dibenzo(a,h)anthracene	27.01	278	489292	3.420	ng	#	91
91) Benzo(g,h,i)perylene	27.78	276	491910	3.400	ng	#	89

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_N\DATA\BN020918\
Data File : BN000054.D
Acq On : 09 Feb 2018 12:23
Operator : JU/SJ
Sample : MDL-W-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 12 15:02:18 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-BN020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 18:24:45 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-W-01

Manual Integrations APPROVED
Sohil
2/13/2018 11:33:36 AM